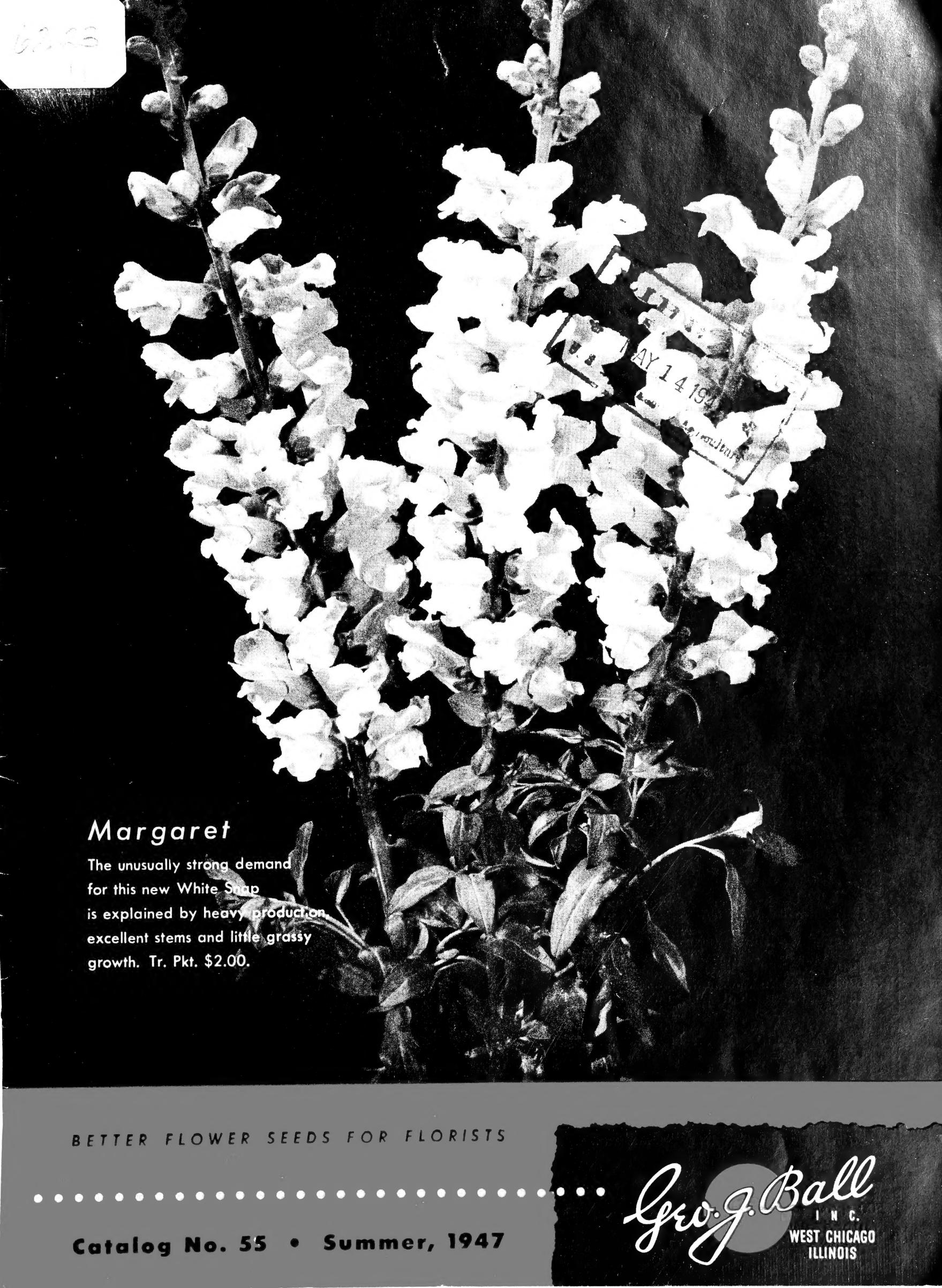


## **Historic, Archive Document**

Do not assume content reflects current scientific knowledge, policies, or practices.



*6223*



## Margaret

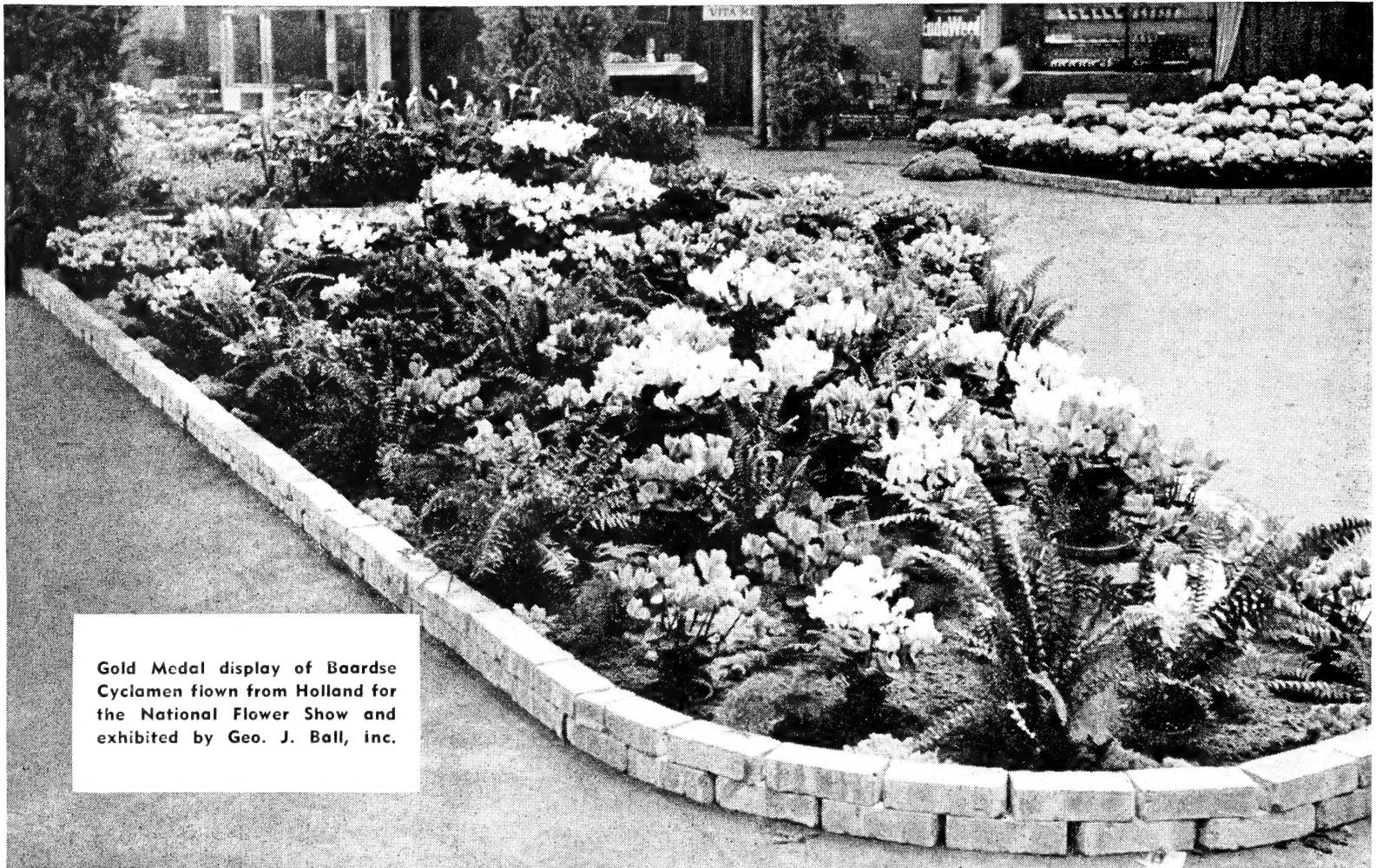
The unusually strong demand  
for this new White Snap  
is explained by heavy production,  
excellent stems and little grassy  
growth. Tr. Pkt. \$2.00.

BETTER FLOWER SEEDS FOR FLORISTS

Catalog No. 55 • Summer, 1947

Geo. J. Ball  
IN C.  
WEST CHICAGO  
ILLINOIS

# Prize Winning Cyclamen



## BAARDSE'S IMPORTED STRAIN

We have been appointed exclusive distributors in the United States for the famous Baardse Cyclamen seed, generally conceded to be the leading European strain. For your protection as well as our own, every packet of genuine Baardse seed carries the signature reproduced here. When you consider the cost of growing good Cyclamen, better think twice before using foreign seed of unknown origin offered by uncertain peddlers. We are the sole American firm offering this seed, and can supply the following Baardse varieties at standard prices.

	100 Seeds	1000 Seeds
No. 1B Dark Blood-Red .....	\$1.75	\$16.00
No. 2B Bright Red .....	1.75	16.00
No. 3B Pure Rose .....	1.75	16.00
No. 4B Soft Rose with carmine eye. (Improved Rose of Marienthal) .....	1.75	16.00
No. 5B White with carmine eye.....	1.75	16.00
No. 6B Pure White .....	1.75	16.00
No. 7B Bonfire. Brilliant salmon .....	2.25	20.00
No. 8B Salmon-Scarlet (America Imp.) .....	2.30	21.00
No. 10B Glory of Wandsbek. (Perle of Zehlendorf.) Dark salmon .....	2.20	18.00
No. 11B Rose of Zehlendorf. Light salmon.....	2.20	18.00
No. 16B Saffron Red-Silver Edged .....	2.25	20.00
No. 19B Lavender .....	1.75	16.00
No. 22B Baardse Wonder. Salmon with white border.....	2.25	20.00
No. 30B Mixture of above colors.....	1.65	15.00
No. 60B Mixture of ruffled types .....	2.30	21.00

## VOGT'S DOUBLE-FLOWERED STRAIN

**Admiration.** Salmon rose with shaded eye. **Mixture**  
**Both above priced at:** 100 seeds, \$3.50; 250 seeds, \$7.00;  
 500 seeds, \$13.00; 1000 seeds, \$25.00.

**DISCOUNTS—All Cyclamen prices are net, no cash discount. 250 of a variety at 1000 rate (except Vogt's). 10,000 to 25,000 seeds, any assortment of varieties, less 5%; over 25,000 seeds, less 10%.**

## BURGHARD'S COLORADO STRAIN

The following varieties are grown for us in Colorado by E. W. Burghard, Cyclamen specialist, where dry air and cool temperature are ideal for properly maturing this seed. Mr. Burghard's strain has won wide acclaim from many of the country's leading pot plant growers.

	100 Seeds	1000 Seeds
No. 1 Dark Blood-Red .....	\$1.75	\$16.00
No. 2 Bright Red .....	1.75	16.00
No. 3 Pure Rose .....	1.75	16.00
No. 4 Soft Rose with carmine eye. (Improved Rose of Marienthal) .....	1.75	16.00
No. 5 White with carmine eye.....	1.75	16.00
No. 6 Pure White .....	1.75	16.00
No. 7 Bonfire. Brilliant salmon .....	2.25	20.00
No. 8 Salmon-Scarlet. (America Imp.) .....	2.30	21.00
No. 9 New Salmon-Rose Imp. .....	2.25	20.00
No. 10 Glory of Wandsbek. (Perle of Zehlendorf.) Dark salmon....	2.20	18.00
No. 11 Rose of Zehlendorf. Light salmon.....	2.20	18.00
No. 12 Orange Beauty. Orange-vermillion.....	2.30	21.00
No. 14 Morning Red .....	2.20	18.00
No. 16 Saffron Red-Silver Edged .....	2.25	20.00
No. 17 Striped Varieties Mixed .....	2.20	18.00
No. 18 Mozart. Deep pink. ....	2.30	21.00
No. 19 Lavender .....	1.75	16.00
No. 21 Pink Pearl. Salmon-pink .....	2.30	21.00
No. 22 Baardse Wonder. Salmon with white border.....	2.25	20.00
No. 23 Salmon Carmine .....	2.25	20.00
No. 30 Mixture of above colors .....	1.65	15.00
No. 50 Ruffled Lavender .....	2.30	21.00
No. 51 Ruffled Salmon .....	2.30	21.00
No. 52 Ruffled White .....	2.30	21.00
No. 60 Mixture of ruffled types.....	2.30	21.00

# 1947-'48

It is our belief that florists have never faced a more encouraging coming season. Not only are the prospects for business good, but labor and material are becoming more abundant. This trend must of course be reflected some in flower prices; but this easing condition will create a far more satisfactory situation than has prevailed in the past. And—we were never better supplied with seed of our carefully selected greenhouse-grown specialties; particularly Forcing Snapdragons, Stocks, Begonias, Cinerarias, Calceolarias and Primulas.

## AIR MAIL DELIVERY

**We will ship your FLOWER seed order back by AIR MAIL and pay the postage if:**

1. you send your order to us by air mail;
2. the seed totals less than 8 ozs. (flower seeds only);
3. and if, in our judgment air mail will save time in getting your seed to you.

If your order totals over 8 ozs. or includes vegetable seed, and you are in a hurry we suggest you send sufficient extra remittance and specify AIR SHIPMENT; your express agent can give you air express rates from West Chicago to you. We will, of course, continue to pay ALL transportation on seed orders in any quantity sent by rail in U. S. and Canada.

## CATALOG No. 55—SUMMER 1947—BUSINESS TERMS

**Note—Cash Discount!** Prices quoted on Cyclamen seed and Plant Bands are net, no cash discount. Plant and Bulb prices are net unless quoted differently in special catalogs or lists. Otherwise when cash is enclosed, a discount of 5% is allowed on all orders from \$1.00 to \$25.00. On \$25.00 and over, 8% is allowed.

Cash should accompany all orders unless credit has been established. C.O.D. shipments 50% in advance. **Important.** Make all checks or money orders payable to **Geo. J. Ball, Inc., WEST Chicago, Ill.**

**Note.** Our seed sold only in our printed packets or containers. Order from us only or through our regular agents.

**All Prices** in this catalog subject to change without notice.

**All Seed Orders** sent prepaid in U.S. and Canada at catalog prices.

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## BALL BETTER WOOD PLANT BANDS

**Ready for Immediate Delivery**

**A better buy because—**

1. Aeration and Drainage better—Our own trials, and reports of experienced growers everywhere, favor wood over waterproof paper for all-important drainage and aeration.
2. Long Life—Ball Bands are preservative-treated. Our treated Bands last many months in moist soil. Only select grades of veneer used.
3. Ready to use—Bands reach you double stapled; simply open and plant.
4. Flats! Short of flats these days? Ball Better Bands reach you packed in preservative-treated greenhouse flats (2 flats per unit of 2000 bands). These flats would cost you plenty delivered and assembled. Figure this when comparing prices.

## PRICES ON OUR BALL BETTER PLANT BANDS

Prices given are F.O.B. our factory in Chicago and are subject to change without notice. Be sure to specify which way to ship, Express or Freight.

Size	Price per 2000 unit	The following sizes are packed in units of 1000.	
1 $\frac{3}{4}$ x2 $\frac{1}{2}$ .....	\$ 8.60		Price per 1000 unit
2 x2 $\frac{1}{2}$ .....	9.60		\$ 7.00
2 x3 .....	10.20	3x4.....	\$ 7.00
2 $\frac{1}{2}$ x2 $\frac{1}{2}$ .....	10.50	4x3.....	6.90
2 $\frac{1}{2}$ x3 .....	10.70	4x4.....	8.20
3 x3 .....	12.20		

We are now furnishing these bands in units of 2000 each packed in 2 treated greenhouse flats. Please order in units of 2000 only. Smaller quantities in corrugated boxes at 5% more than above prices.

**QUANTITY DISCOUNTS ON BALL BANDS:** 2,000 to 10,000 net; 12,000 to 24,000, 5%; 26,000 to 50,000, 7 $\frac{1}{2}$ %; 52,000 to 100,000, 10%. Write for discounts on larger quantities.

## BIRD FIBRE PLANT BANDS

	1 $\frac{3}{4}$ x2 $\frac{1}{2}$	2x2 $\frac{1}{2}$	2x3	2 $\frac{1}{2}$ x3	3x3	3x4
Vita-Band 40	\$4.25	\$4.70	\$5.05	\$5.20	\$6.30	\$7.35
Vita-Band 10	2.90	3.25	3.75	4.15	4.55	5.90

Sold in units of 1000 only. F.O.B. East Walpole, Mass. or West Chicago, Illinois.

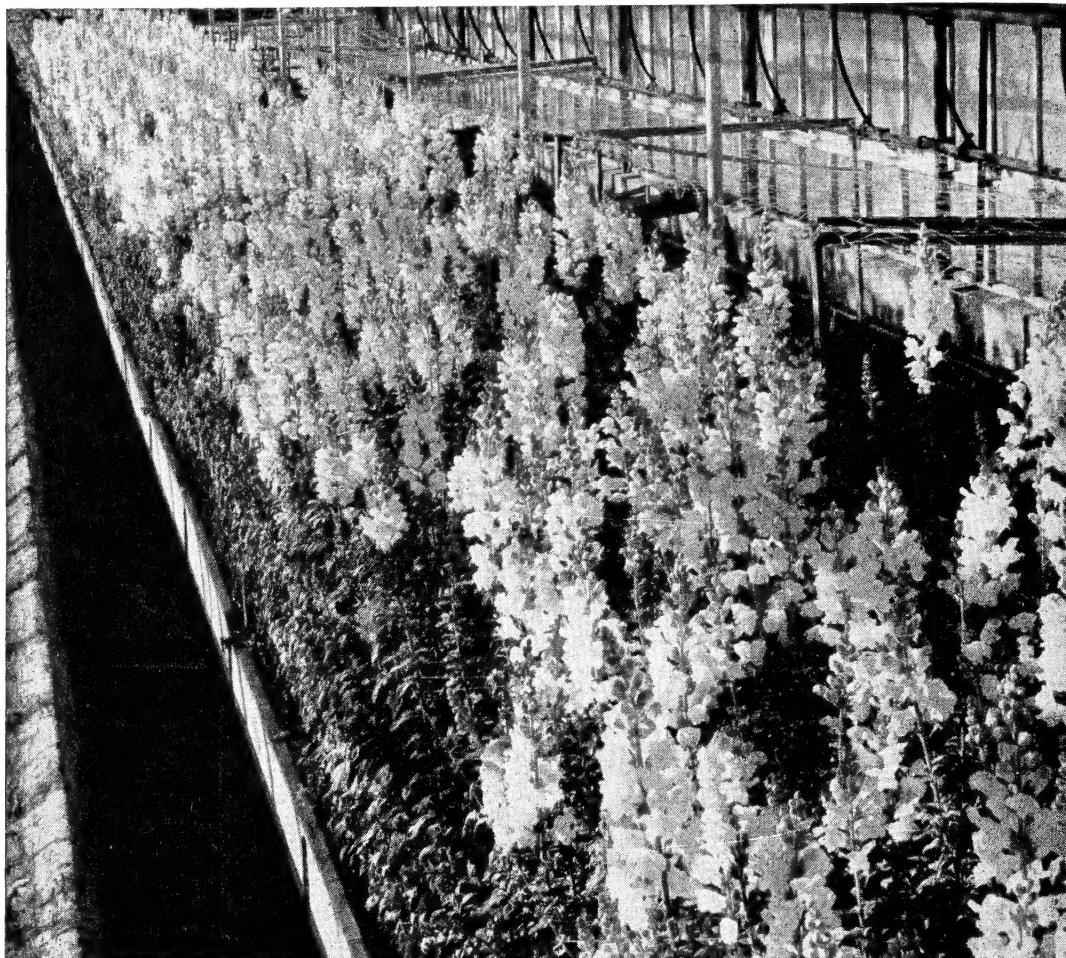
We can also supply Bird Neponset Flower Pots and Tom Thumb Flats at standard advertised prices.

# *"All the Best"*

**FORCING SNAPS** unquestionably head the list of seed grown cut flower crops, and, as growers ourselves, we are in a position to fully realize the importance of this in developing strains of real value to florists. Nearly all Snapdragon seed we sell, except originator-grown hybrid varieties, is produced in our own greenhouses, and supplies this year are unusually good and complete. Remember though—good culture is as important as good seed. Our "Grower Talks" (monthly, 2 yrs. \$1.00) provides timely notes of help to florists.

## PLEASE NOTE

½ tr. pkts. of any variety priced at \$1.00 are supplied at **60c**; ½ pkts. of \$1.50 varieties, **\$1.00**. No ½ pkts. on \$2.00 or \$3.00 varieties **EXCEPT WHERE NOTED**. While we obviously have no control over the amount of seed in originator's packets, all of our own contain at least 2,000 seeds.



Snap "Margaret" in our greenhouses. A good producer and a clean grower.

## BALL 10 BEST

(Self-Pollinated Varieties)

Although no group of "best" varieties is complete without including the hybrids, uncertain supplies have obliged us to omit them from this select list. The following, therefore, includes what we consider the ten best of the self pollinated varieties.

\***Ball Lavender.** Long stemmed and strong growing with heavy spikes of pleasing orchid lavender. A ready seller on most markets. Tr. pkt., **\$1.50**.

\***Cheviot Maid No. 33 (Yoder).** This clean growing, beautiful light rose pink Cheviot Maid selection has proven immensely popular with all who have grown it. One of the best commercial varieties. Tr. pkt., **\$1.50**.

\***Delworth's Supreme.** One of the finest Cheviot Maid selections we have grown. True early flowering with long, strong stems and fine spikes of deep rose pink. Tr. pkt., **\$1.50**.

\***Ethel.** The most satisfactory fairly deep yellow that we know of. Perfectly uniform in habit without grassy side growth and with medium sized closely set spikes. Tr. pkt., **\$1.50**.

\***Lady Dorothy.** This fine Snap is outstanding for its rich reddish bronze color and its true winter

flowering habit. The best early bronze to date. Tr. pkt., **\$3.00**.

\***Margaret.** Because of its fine production record, stiff stems and grass-free growth, this creamy white Snap has become very popular wherever grown. Highly recommended where purity of whiteness is not important. Tr. pkt., **\$2.00**.

\***New Cincinnati.** A medium rose pink with long shatter-proof spikes and extra long, stiff stems. We feel that this variety is one of the best for late winter and should be more widely grown. Tr. pkt., **\$1.00**.

\***Peggy Schumann.** Extra fine, creamy rose pink with heavy stiff stems and well formed spikes. This truly fine variety is steadily increasing in popularity. Tr. pkt., **\$2.00**.

\***St. Louis Pink.** If you're looking for that popular Maryland Pink or Mary Ellen color for late winter flowering, this is it. Tr. pkt., **\$1.50**.

\***White Wonder Improved (Ball).** Our own uniformly long stemmed, even growing strain of this pure white variety. Tr. pkt., **\$1.50**.

\***Ball Forcing Mixture.** Carefully balanced mixture of the best varieties. Tr. pkt., **\$1.00**.

# Florists' Snaps

## HYBRID VARIETIES

Hybrid Snaps are the result of crossing pure-line strains of two distinct varieties, and possess, among other good points, the inherent quality known as "hybrid vigor" not found in any self-pollinated variety. Because of their hybrid nature, it is very important that no seed be saved from the flowering crop as it will result only in a disappointing mixture. Since only the originators of these varieties have knowledge of the parents used in producing them, seed from other sources is almost sure to prove unsatisfactory; therefore we offer only originator's packets of hybrid varieties. Because the production of hybrid seed calls for much hand labor in cross-pollinating, the supply is often short of the demand. We offer the varieties listed at right.

- \***Better Times.** The brightest cerise-rose in forcing Snaps. Fairly early with medium length stems and compact spikes. Tr. pkt., \$2.00.
- \***Christmas Cheer.** Extra early and productive bright rose pink. Very popular.  $\frac{1}{2}$  Tr. pkt., \$1.75; Tr. pkt., \$3.00.
- \***Dorcus Jane.** Introduced last season, sales of this variety have exceeded all expectations. A second early with good stems and long spikes of soft silvery rose.  $\frac{1}{2}$  Tr. pkt., \$1.50; Tr. pkt., \$2.50.
- \***Mary Ellen.** Almost identical to Maryland Pink in its soft rose pink coloring, but is somewhat later and has longer stems and flower spikes. Tr. pkt., \$2.00.
- \***Maryland Pink.** Soft creamy pink; early flowering with medium length stems.  $\frac{1}{2}$  Tr. pkt., \$1.75; Tr. pkt., \$3.00.

## GENERAL LIST (Except Hybrids and 10 Best)

	Tr. pkt.	Tr. pkt.
* <b>Afterglow.</b> Popular standard orange bronze.....	\$1.00	
* <b>America.</b> Large flowered deep rose and orange bi-color. Attractive novelty color .....	1.50	
<b>Ball Dwarf White.</b> Quite nice for pot plants. Not a cut flower type. Cultural notes with each packet.....	1.00	
<b>Ball Early Pink.</b> Attractive early flowering deep rose. Should be grown on raised beds for well shaped spikes.	1.00	
<b>Ball Gold.</b> Extra bright intense yellow. Early flowering with medium length stems .....	1.50	
* <b>Ball Supreme Red.</b> A rich, velvety crimson with no ob- jectionable magenta shading .....	1.50	
<b>Bertha Baur.</b> Prefer Ball Lavender .....	1.50	
<b>Bronze Christmas Cheer.</b> Midseason golden bronze.....	2.00	
<b>Carol Jean.</b> Light, creamy yellow. ....	2.00	
<b>Ceylon Court Dark.</b> Standard yellow; somewhat darker than Ethel .....	1.00	
* <b>Cheviot Maid Reselected (Ball).</b> This popular rose pink variety tends to become hooded under our mid-winter conditions, but the trade likes it particularly well.....	1.00	
<b>Coates Yellow Perfection.</b> A fine yellow for spring.....	1.00	
<b>Daybreak.</b> (Rust-proof strain). Clear light pink.....	1.00	
* <b>Early Cincinnati (Ball).</b> Our own early flowering strain of this fine light rose.....	1.00	
<b>Feist's White.</b> Slightly creamy white with yellow lip; early and free flowering .....	2.00	
<b>Gilbert's Pink.</b> Deep rose pink. ....	1.50	
* <b>Glorious.</b> Rich reddish bronze for spring.....	1.50	
<b>Ideal Imp. (Hodaly's).</b> Bi-color rosy bronze and gold....	1.50	
* <b>Junglewood White.</b> Extra long stemmed pure white. Rather late flowering with us. $\frac{1}{2}$ Tr. pkt., \$1.25.....	2.00	
* <b>Junglewood Yellow.</b> A clean growing rich yellow by the introducer of Junglewood White. $\frac{1}{2}$ Tr. pkt., \$1.25...	2.00	
<b>Kirkwood Beauty.</b> Orange bronze.....	1.00	
* <b>Klondike Supreme.</b> Rich deep yellow. A vigorous grow- ing, large flowered variety.....	1.00	
<b>Koester's White.</b> Extra early pure white with medium length stems .....	1.50	
		.75
<p>The asterisk (*) indicates varieties most dependably satisfactory in our experience and observation.</p>		3

# Ball NON-BRANCHING Stocks

(18,000 seeds per ounce)



**Prices on All the Following Non-Branching Varieties:**  $\frac{1}{2}$  Tr. pkt., 60c;  
Tr. pkt. (about 1,200 seeds), \$1.00;  $\frac{1}{4}$  oz., \$2.50; 1 oz., \$9.00.

## White Varieties

- \***No. 16 Ball White Imp.** (See next page).
- \***No. 15 Ball White Improved.** Slightly smaller flowered than our No. 16 but longer-stemmed. Where Stocks can be grown outdoors this is the preferred white, but does equally well under glass.
- Gardenia.** Long stemmed and pure white, but not entirely non-branching. One of the latest flowering varieties.

## Lavender, Blue and Purple Varieties

- \***No. 1 Lilac Lavender.** (See next page).
- No. 3 Ball Blue.** A medium lavender mauve. Somewhat lower in percentage of doubles than other varieties.
- No. 21 Purple Heart.** Long stemmed and large flowered, bright violet purple. Striking in combination with white, buff and yellow shades.
- No. 23 Pastel Lavender.** A pale, smoky lavender selection from our Lilac Lavender.

## Pink, Rose and Red Varieties

- \***No. 22 Ball Supreme.** (See next page).
- No. 11 Ball Pink.** A medium light rose pink. Earlier and somewhat lighter than our No. 22, but not quite as long stemmed.
- No. 14 Ball Rose Pink.** An early flowering fairly deep rose pink. Darker in color and longer stemmed than the above variety.
- No. 9 Chamois Pink Improved.** A warm rosy buff color; good stem length and percentage of doubles.
- No. 7 Malmaison Pink.** Extra long-stemmed blush pink, with some tendency to branch at the base of the flower spike.
- No. 6 American Beauty.** Rich deep American Beauty or carmine rose. An appealing but rather heavy color.
- No. 8 Ruby.** Long-stemmed, glowing crimson red. Plant moderately of this rather strong color for market use.

# Ball Stocks mean Better Profits

Important points to keep in mind in growing a profitable crop of Stocks are that clean or sterilized soil is necessary to prevent root rot as well as timely supporting to avoid worthless crooked stems. And growers are writing to tell us of the saving in time they realize by sowing seed direct. Ask for our free leaflet giving details.

The increasing yearly demand for this seed is further proof of the high regard most growers have for these fine scientifically-bred strains of Ball Stocks, and constant research is being carried on here in our West Chicago greenhouses to maintain our top position in this important part of "Flower Seeds for Florists".

## OUR THREE BEST

These three varieties constitute over half of our demand for Non-Branching Stocks.

\***No. 16 Ball White Improved-Medium Tall.**

Our earliest pure white, with extra large florets and well-formed, compact spikes. Not recommended for outside planting, but sufficiently long-stemmed for greenhouse culture.

\***No. 1 Lilac Lavender.** Second only in popularity to Ball White. Our own excellent large flowered strain that is well liked by all markets.

\***No. 22 Ball Supreme.** Extra long stiff stems and fine heavy spikes of rich silvery rose have made this the outstanding variety of its color class.

**Prices on All the Above Non-Branching Varieties:**  $\frac{1}{2}$  Tr. pkt., 60c; Tr. pkt. (about 1,200 seeds), \$1.00;  $\frac{1}{4}$  oz., \$2.50; 1 oz., \$9.00.

## BRANCHING STOCKS

Retail growers should include some of this class in their planting. All, with the exception of the Dwarf Ten Week, are handled the same. Plant 8 x 8 in. and top when about 8 in. tall for plenty of good flowers with medium length stems. The Dwarf Ten Week type is largely used for pot plants.

### GIANTS OF CALIFORNIA

**Golden Gate.** Soft creamy yellow.  
**Monterey.** A clear bright pink.  
\***Pacific.** Fairly dark lilac mauve.  
**Santa Barbara.** Chamois or buff.  
\***Santa Maria.** Best branching white.  
\***Tahoe.** Clear lavender.  
\***Yosemite.** Rich rose pink.  
Prices above 7, each: Tr. pkt., 35c;  $\frac{1}{4}$  oz., \$1.25; 1 oz., \$4.50.  
**Mixture** of all colors. Tr. pkt., 35c;  $\frac{1}{4}$  oz., \$1.15; 1 oz., \$4.00.

### PERPETUAL BRANCHING

\***Empress Augusta Victoria.** Silver lilac.  
**Mixture.**  
Prices above 2, each: Tr. pkt., 30c;  $\frac{1}{4}$  oz., 75c; 1 oz., \$2.65.

### IMPROVED BISMARCKS

**Antique Copper.** Fine copper red.  
**Apple Blossom.** Pale, delicate pink.  
**Blood Red.** Bright ruby red.  
\***Chamois.** Clear chamois or buff.  
\***Elk's Pride.** Rich purple.  
**Flesh.** Pale coral pink.  
**Golden Ball.** Ivory yellow.  
\***Lavender.** Clear lilac lavender.  
**Lilac.** Fairly deep lilac blue.  
\***Rose.** Fine bright rose pink.  
\***Shasta.** Giant-flowered white.  
**White.** Good clear white.  
**Formula Mixture** of above colors.  
Prices above 13, each: Tr. pkt., 35c;  $\frac{1}{4}$  oz., \$1.15; 1 oz., \$3.50.

### BEAUTY OF NICE

**Cote D'Azure.** Light lavender-blue.  
**Flesh Pink.** (Beauty of Nice).  
**Mont Blanc.** Extra early pure white.  
**Queen Alexandra.** Fine rosy lilac.  
**Mixture.**  
Prices above 5, each: Tr. pkt., 30c;  $\frac{1}{4}$  oz., 75c; 1 oz., \$2.65.

### DWARF TEN WEEK

**Blood Red**   **Carmine-Pink**   **Lavender**  
**Canary-Yellow**   **Deep-Rose**   **Purple**  
**White**   **Formula Mixture**  
Prices above 8, each: Tr. pkt., 25c;  $\frac{1}{4}$  oz., 65c; 1 oz., \$2.00.

# Winter Sweet Peas

(350 seeds per oz.)

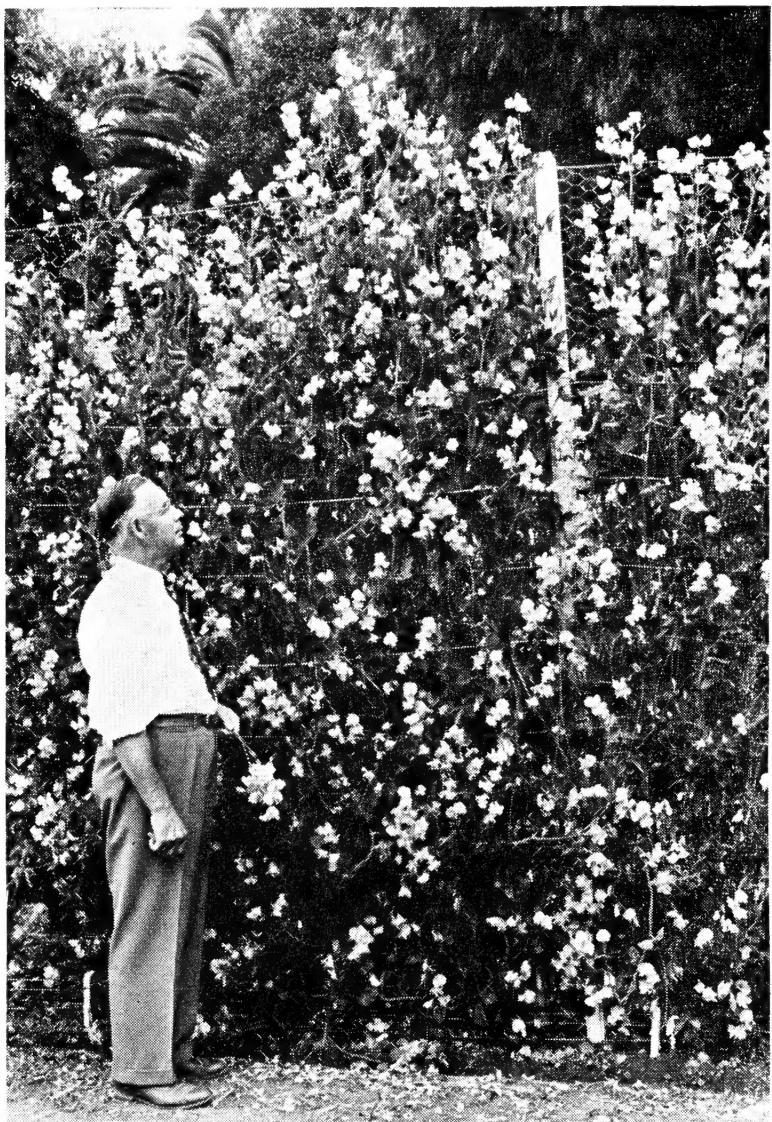
When well grown, most growers are finding Winter Peas quite profitable under present day conditions. Most any wholesale market will welcome a moderate amount of them and for retail growers they are almost indispensable. To be worthwhile though, they must be grown in sterilized soil and sown early enough to get the vines sufficiently hardened to hold buds for winter flowering. With us this is early July—later further south. Our monthly "Grower Talks" (2 yrs. \$1.00) gives complete cultural details.

## OUR 12 BEST

(Forcing Varieties)

- \***Ball Blue Supreme.** The same rich blue color as Mrs. Hoover, but larger flowered and a better producer.
- \***Ball Orange Supreme.** Improves the original Ball Orange in better stem length and more brilliant color.
- \***New Ball Rose.** Bright glowing rose. Very free flowering, but shorter vines make it valuable where headroom is limited.
- \***Ball Rose Queen.** Extra long stemmed and large flowered clear rose pink. One of the finest commercial varieties.
- \***Ball Rose Supreme.** Large wavy flowers of bright silvery rose pink. Good stems and free flowering.
- \***Twilight.** A bright clear lavender. Considered by many as an improvement over Harmony.
- \***Triumph.** Long stemmed, rich lilac mauve; very well liked on most markets.
- \***Princess Blue.** Large flowered, light blue; very attractive.
- \***Ball White.** The finest long stemmed pure white; white seeded.
- \***Ball Salmon.** Fairly deep salmon pink; an excellent producer.
- \***Treasure Island.** Extra large wavy flowers of glowing orange scarlet.
- \***Fiesta.** Brilliant scarlet cerise; we consider this the finest red in early Peas.
- \***12 Best Mixture.** Our own formula mixture of the above varieties.

**PRICES on Above Varieties and Mixture, Each:**  $\frac{1}{2}$  oz., 30c;  
1 oz., 50c; 4 ozs., \$1.50; 1 lb., \$5.50.



Mr. Frank Cuthbertson and his new Cuthbertson type of Spring Flowering Sweet Peas as they grow in California. (See next page).

## STANDARD VARIETIES

- American Beauty.** American-Beauty rose.
- Amethyst.** Rich bright mauve-purple.
- Apollo.** Salmon-cerise; fine for spring.
- Attraction.** Long-stemmed salmon rose.
- \***Bacchus.** Deep maroon-purple. Large flowered.
- Blue Danube.** A clear deep blue.
- Boon.** Deep salmon-rose.
- Bridesmaid.** Delightful silvery pink. Large flowered.
- Columbia.** Rose and white bi-color.
- \***Daphne.** Soft salmon-pink on cream. Large flowered.
- Eileen.** Rich Begonia rose.
- Fragrance.** Clear lavender for spring flowering.
- \***Gardenia.** Finest long-stemmed pure white for spring.
- Grenadier.** Poppy-scarlet.
- Harmony.** Standard early flowering lavender.
- Heather Bell.** Pleasing orchid-lavender. Rather small flowered.
- \***Hiawatha.** Strong growing, large flowered, fine deep rose.
- \***Hope.** Fine black-seeded white.
- Jeanne Mamitsch.** Clear rose; long stemmed.
- Josie.** Rose pink; rather small flowered.
- \***Laddie Imp.** Long-stemmed fairly light rose pink.
- Majestic Rose.** Fine large-flowered pink.

- Michigan.** Clear lavender.
- \***Mrs. Hoover.** Standard early mid-blue.
- \***Mother Machree.** Large coral rose flowers; semi-duplexed.
- Oriental.** Black-seeded cream.
- Pride.** Extra long-stemmed brilliant cerise.
- \***Redwood.** Large-flowered, deep velvety crimson.
- Rhapsody.** Attractive deep rosy lavender.
- \***Rhumba.** Excellent salmon cerise for spring.
- Sequoia.** Large flowered standard salmon rose.
- \***Signal Red.** Long-stemmed brilliant red.
- \***Sparks.** The finest poppy scarlet.
- Sunray.** Light cerise; long stem.
- \***Tahoe.** Fine mid-blue for spring flowering.
- Titania.** Extra large flowered deep rose; heavy stems.
- \***Top Hat.** Deep bright violet-blue.
- \***Tops.** Extra large, wavy flowered, light salmon rose.
- Top Sergeant.** Deep crimson red without purple shading.
- \***White Harmony.** Similar to Hope; black-seeded.

**PRICES on All Above Varieties:**  $\frac{1}{2}$  oz., 30c; 1 oz., 50c;  
4 ozs., \$1.50; 1 lb., \$5.50.

**Ball Early Mixture.** Carefully balanced mixture of winter varieties.  $\frac{1}{2}$  oz., 25c; 1 oz., 45c; 4 ozs., \$1.35; 1 lb., \$5.00.

# Spring Flowering Peas

## New Cuthbertson Strain

(350 seeds per oz.)

For greenhouse sowing between October and February, we find this new strain superior to the Early or Winter class. While their stronger growth makes them a week or 10 days later flowering, they are generally longer stemmed and last longer into the spring than the weaker growing Earlies. They are also increasingly used for outdoor planting. **Seed of all the following new Cuthbertson varieties will be ready September 1.**

\***Janet** (Formerly Black Seeded White). Large frilled flowers of pure white are carried on long heavy stems.  
\***Carol** (New). Clear pink on white ground.  
**Evelyn** (Formerly Salmon Cream Pink). Extra long stemmed, soft salmon pink.  
\***Lois** (Formerly Rose Pink). Similar in color to "Ball Rose Queen" in the Winter class.

**Billy** (Formerly Light Carmine). Bright cerise rose on salmon.  
\***Coline** (New). Vivid, intense scarlet.  
**Hazel** (Formerly Light Blue). "Princess Blue" shade.  
\***Tommy** (Formerly Blue). A clear mid-blue about the color of "Mrs. Hoover" in the Winter class.  
**Danny** (Formerly Navy Blue). Brilliant deep marine blue.  
\***Frank G.** (Formerly Lavender). Fine soft rosy lavender. Named for the originator of the new Cuthbertson strain.  
\***Jessie** (Formerly Mauve). Closely resembles Winter Flowering "Triumph" in its rich coloring.

**PRICES on Above Spring Flowering Cuthbertson Varieties:**  
½ oz., 35c; 1 oz., 65c; 4 ozs., \$2.00; 1 lb., \$6.50.  
\***Mixture.** A mixture balanced according to demand for each color. ½ oz., 30c; 1 oz., 55c; 4 ozs., \$1.65; 1 lb., \$5.50.

## Fine Pansies

(25,000 seeds per oz.)

Comparative trials of the world's leading Pansy strains have convinced us that the following are among the finest in existence today. Wintered-over plants for early spring sales are produced from a sowing made late July-Aug. in our latitude. Further south, figure accordingly.

\***Ball Winter Flowering.** Upright growing, long stemmed variety for cut flowers. Sow in July or early August for winter and early spring crop. ½ Tr. pkt., 60c; Tr. pkt., \$1.00; ¼ oz., \$2.50; ½ oz., \$4.75.

\***Ball Giant Mixture.** This is our finest and most popular bedding Pansy mixture. We blend this ourselves using the best available strains of Swiss or Roggeli giants, adding separate varieties to insure a good balance of colors. Tr. pkt., 60c; ¼ oz., \$2.50; 1 oz., \$8.00; 4 ozs., \$30.00.

\***Ball Giant Mixture Dwarf Strain.** A fine Roggeli or Swiss Giant strain selected for dwarf and compact habit. Tr. pkt., 60c; ¼ oz., \$2.50; 1 oz., \$8.00; 4 ozs., \$30.00.

**Maple Leaf Giants.** An excellent, extra large flowered strain. Heavy growth with good stems. Tr. pkt., 60c; ½ oz., \$1.50; ¼ oz., \$2.75; 1 oz., \$9.00.

\***Canadian Giants.** This selection from Maple Leaf Giants contains some of the largest flowers in Pansies. Tr. pkt., 90c; ½ oz., \$1.75; ¼ oz., \$3.00; 1 oz., \$10.00.

\***Englemann's Giant Mixture.** A large flowered and brightly colored strain, many being penciled or veined. Fairly compact growth. We offer originator's seed only. Tr. pkt., 75c; ¼ oz., \$3.75; 1 oz., \$12.00.

**Roggeli Giant Mixture.** A choice bedding strain, predominating in rich red and bronze shades. We supply only the originator's imported seed. Tr. pkt., \$1.00; ½ oz., \$3.00; ¼ oz., \$5.00; 1 oz., \$16.00.

**America.** An exceptionally free flowering mixture with medium sized blooms. Dwarf and extra early. Tr. pkt., 60c; ¼ oz., \$2.50; 1 oz., \$9.00.

**Geneva Giants.** A first class American selected strain of Swiss Giants. Tr. pkt., 75c; ¼ oz., \$2.75; 1 oz., \$9.00.

**Dwarf Geneva Giants.** A dwarf selection of the above. Tr. pkt., 60c; ½ oz., \$1.25; ¼ oz., \$2.50; 1 oz., \$8.00.

**Steele's Jumbo Mixture.** We handle the originator's seed of this popular American strain. Tr. pkt., \$1.00; ½ oz., \$3.00; ¼ oz., \$5.00; 1 oz., \$16.00.

**Improved Swiss Giants.** Predominates in rich bronze and red shades. Tr. pkt., 60c; ¼ oz., \$2.50; 1 oz., \$8.00.

\***Steele's Butterfly Hybrids.** Unusual color range. Orig. seed. Tr. pkt., \$1.00; ½ oz., \$3.00; ¼ oz., \$5.00.

## SWISS GIANTS IN SEPARATE COLORS

**Firebeacon.** Brick red.

\***Coronation Gold.** The finest clear yellow.

\***Lake of Thun.** A fine, large flowered medium blue with darker center.

**Alpenglow.** Rich garnet red.

**Rhinegold.** Large flowered yellow with dark center.

**Mt. Blanc.** Best clear white in the large-flowered Swiss type.

**PRICES on All Above Swiss Separate Color Varieties Each:**  
Tr. pkt., 75c; ½ oz., \$1.75; ¼ oz., \$3.00; 1 oz., \$10.00.

**Giant Orange.** A rich light orange; similar in color to Viola Apricot. Originator's pkt., \$1.00.



Visitors inspecting our extensive annual Pansy trials. All fine strains available are lined up here for comparison.

# Grow Better Pot Pl

## CINERARIAS



**Gold Center Cineraria** is unusually attractive.

**Berlin Market, Dark Crimson.** A deep crimson selection without any eye. Tr. pkt., \$1.00;  $\frac{1}{64}$  oz., \$1.75.

\***No. 1 Mixture.** Consists of Cremer's Prize Strain and Siter's Rainbow Strain in equal proportions. Tr. pkt., \$1.00;  $\frac{1}{64}$  oz., \$2.00;  $\frac{1}{32}$  oz., \$3.75.

\***No. 2 Mixture.** Contains  $\frac{1}{2}$  Cremer's Prize Strain and  $\frac{1}{4}$  each Siter's Rainbow Strain and Multiflora Nana. Tr. pkt., \$1.00;  $\frac{1}{64}$  oz., \$2.00;  $\frac{1}{32}$  oz., \$3.75.

\***Cremer's Prize Strain.** (Reselected stock). 6,300 seeds per  $\frac{1}{32}$  oz. Extra large heads of medium small flowers in brilliant reds, blues and intermediate shades. About half light-eyed. Tr. pkt., \$1.50;  $\frac{1}{64}$  oz., \$2.25;  $\frac{1}{32}$  oz., \$4.00;  $\frac{1}{16}$  oz., \$7.50.

\***Siter's Rainbow Strain.** 3,500 seeds per  $\frac{1}{32}$  oz. An excellent market strain with immense heads of medium large mostly white eyed flowers and small foliage. Tr. pkt., \$2.00;  $\frac{1}{64}$  oz., \$2.50;  $\frac{1}{32}$  oz., \$4.50;  $\frac{1}{16}$  oz., \$8.00.

\***Multiflora Nana, Gold Center.** 6,300 seeds per  $\frac{1}{32}$  oz. Attractive medium small self-colored flowers with yellow anthers. Good shipper. Tr. pkt., \$1.00;  $\frac{1}{64}$  oz., \$2.00;  $\frac{1}{32}$  oz., \$3.50.

**Ball Copper-Scarlet.** (New). Compact small-leaved plants with medium sized, bright copper tinged, scarlet flowers. Uniform and attractive. Tr. pkt., \$1.50;  $\frac{1}{64}$  oz., \$2.25.

\***Grandiflora Dwarf Mixed.** 3,500 seeds per  $\frac{1}{32}$  oz. Large flowers in a wide assortment of rich colors with contrasting large white eyes. Extra dwarf and compact growth. Tr. pkt., \$1.00;  $\frac{1}{64}$  oz., \$1.75;  $\frac{1}{32}$  oz., \$3.25.

**Berlin Market Mixed.** (Weissensee Strain). 3,500 seeds per  $\frac{1}{32}$  oz. Large rounded heads of fairly large flowers; mostly white-eyed. Tr. pkt., \$1.00;  $\frac{1}{64}$  oz., \$1.75;  $\frac{1}{32}$  oz., \$3.25.

**Dwarf Giant Exhibition Mixture.** Extra large (4 to 5 in.) flowers in a broad color range on fairly dwarf plants. Fine for exhibition work. Tr. pkt., \$1.50;  $\frac{1}{64}$  oz., \$2.50.

**Pacific Giants Mixed.** Extra large flower heads in shades of blue and lavender. Tr. pkt., \$1.00;  $\frac{1}{64}$  oz., \$1.75;  $\frac{1}{32}$  oz., \$3.25.

**Stellata Mixture.** (Star type). Small, free flowering strain. 24 to 30 in. tall. Tr. pkt., 75c;  $\frac{1}{64}$  oz., \$1.25;  $\frac{1}{32}$  oz., \$2.25.

## CALCEOLARIAS

(20,000 seeds per  $\frac{1}{32}$  oz.)

\***Ball Multiflora Nana Mixture.** Our most popular variety. Large heads of medium sized flowers in brilliant reds, yellows and intermediate shades. The compact plants are wiry in growth with fairly small durable leaves. Tr. pkt., \$1.00;  $\frac{1}{128}$  oz., \$2.35;  $\frac{1}{64}$  oz., \$4.35;  $\frac{1}{32}$  oz., \$8.00.

\***Grandiflora Dwarf Mixed.** Contains some of the most striking and unusual color combinations that we have ever seen in Calceolarias. Extra large flowers and compact growth. Tr. pkt., \$1.00;  $\frac{1}{64}$  oz., \$2.75;  $\frac{1}{32}$  oz., \$5.00.

**Grandiflora Mixed.** A stronger growing strain of the above. Tr. pkt., \$1.00;  $\frac{1}{64}$  oz., \$2.50;  $\frac{1}{32}$  oz., \$4.50.

\***Dwarf Tigered or Spotted.** Various spotted shades of red, yellow, and rosy bronze. Dwarf and compact; needs no staking. Tr. pkt., \$1.00;  $\frac{1}{64}$  oz., \$2.50;  $\frac{1}{32}$  oz., \$4.50.

\***Triumph Strain.** Medium large flowers are carried on strong vigorous plants; mostly bright reds and yellows. Tr. pkt., \$1.00;  $\frac{1}{64}$  oz., \$2.75;  $\frac{1}{32}$  oz., \$5.00.

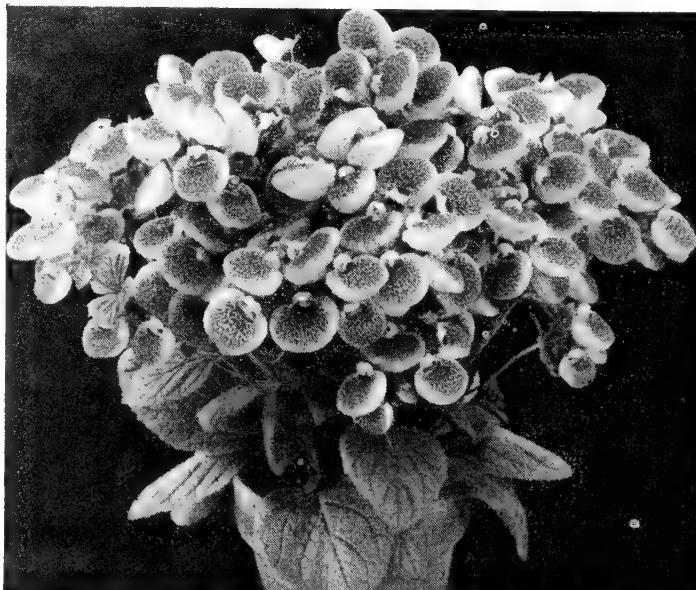
**Red Triumph.** A separate color selection of the above; 90% true scarlet red. Tr. pkt., \$1.00;  $\frac{1}{64}$  oz., \$2.75;  $\frac{1}{32}$  oz., \$5.00.

**Indian Prince.** A bright scarlet Multiflora Nana selection. Tr. pkt., \$1.00;  $\frac{1}{128}$  oz., \$2.35.

**Cloth of Gold.** Medium large, freely produced golden yellow flowers. Very showy. Tr. pkt., \$1.00;  $\frac{1}{64}$  oz., \$2.50;  $\frac{1}{32}$  oz., \$4.50.

**Perennial Hybrids.** (Rugosa). A very small-flowered type for exhibition work and bedding. Tr. pkt., \$1.00.

\***Flower Cloud.** Bushy growing plants with large cloud-like heads of small flowers in shades of yellow, orange and bronze. Somewhat later than other varieties. Tr. pkt., \$1.50;  $\frac{1}{128}$  oz., \$3.50.



Calceolaria Ball Multiflora Nana.

# nts with Ball's Seed BEGONIAS

## FIBROUS ROOTED

For your convenience we have grouped all the Fibrous Rooted Begonias into 3 classes; Dwarf, Intermediate and Tall, rather than the old and confusing classification of Semperflorens and Gracilis. We have ample supplies of our own perfectly-cleaned, greenhouse - grown seed of nearly all varieties listed below. Seed may be sown at any time, but a summer sowing will produce choice pot plants for Christmas and early winter.



Fibrous-Rooted Begonias, by the nature of their growth, divide themselves readily into the three types pictured here; dwarf, intermediate and tall.

## DWARF CLASS

- \***Ball Red.** Fairly dwarf in growth and of uniform, perfectly rounded habit. The plants are literally covered with medium large flowers of bright scarlet red with no rose shading. Because this variety, as well as its parent King of the Reds, is somewhat less resistant to a form of rot than most others, care must be used to control soil moisture and humidity especially when plants are small. Watering should be done only in the mornings of bright days. Tr. pkt., \$1.00;  $\frac{1}{6}$  oz., \$2.75;  $\frac{1}{32}$  oz., \$5.00.
- \***Ball Deep Rose.** Identical in habit to Adeline from which it was selected. Under winter and spring conditions the color is a deep rich rosy red which gradually fades to a bright luminous pink with the coming of warmer weather. Tr. pkt., \$1.00;  $\frac{1}{6}$  oz., \$2.75;  $\frac{1}{32}$  oz., \$5.00.

- \***Adeline.** Extra free flowering bright pink; dwarf and compact. Tr. pkt., \$1.00;  $\frac{1}{6}$  oz., \$2.50;  $\frac{1}{32}$  oz., \$4.50.
- \***Ball White.** We find this the finest white for pot plant use. Tr. pkt., \$1.00;  $\frac{1}{6}$  oz., \$2.50;  $\frac{1}{32}$  oz., \$4.50.
- \***Luminosa Compacta.** Extra dwarf, free flowering scarlet red. Tr. pkt., \$1.00;  $\frac{1}{6}$  oz., \$3.00;  $\frac{1}{32}$  oz., \$5.50.
- Dwarf Varieties Mixed.** Our own formula mixture of dwarf varieties. Fine for combinations. Tr. pkt., \$1.00;  $\frac{1}{6}$  oz., \$2.50;  $\frac{1}{32}$  oz., \$4.50.

## INTERMEDIATE CLASS

- \***Carmen.** The original bronze-leaved Begonia; bright rose-pink flowers. Tr. pkt., \$1.00;  $\frac{1}{6}$  oz., \$2.25;  $\frac{1}{32}$  oz., \$4.00.
- \***Fire Sea** (Blaze of Fire). Large fiery red with green foliage. Tr. pkt., \$1.00;  $\frac{1}{6}$  oz., \$2.25;  $\frac{1}{32}$  oz., \$4.00.
- \***Indian Maid.** Foliage a deep lustrous bronze with contrasting scarlet flowers. Tr. pkt., \$1.00;  $\frac{1}{6}$  oz., \$2.50;  $\frac{1}{32}$  oz., \$4.50.
- \***King of the Reds.** Free flowering rose red; vigorous but compact in growth. See "Ball Red" description for special cultural notes on this variety. Tr. pkt., \$1.00;  $\frac{1}{6}$  oz., \$2.50;  $\frac{1}{32}$  oz., \$4.50.

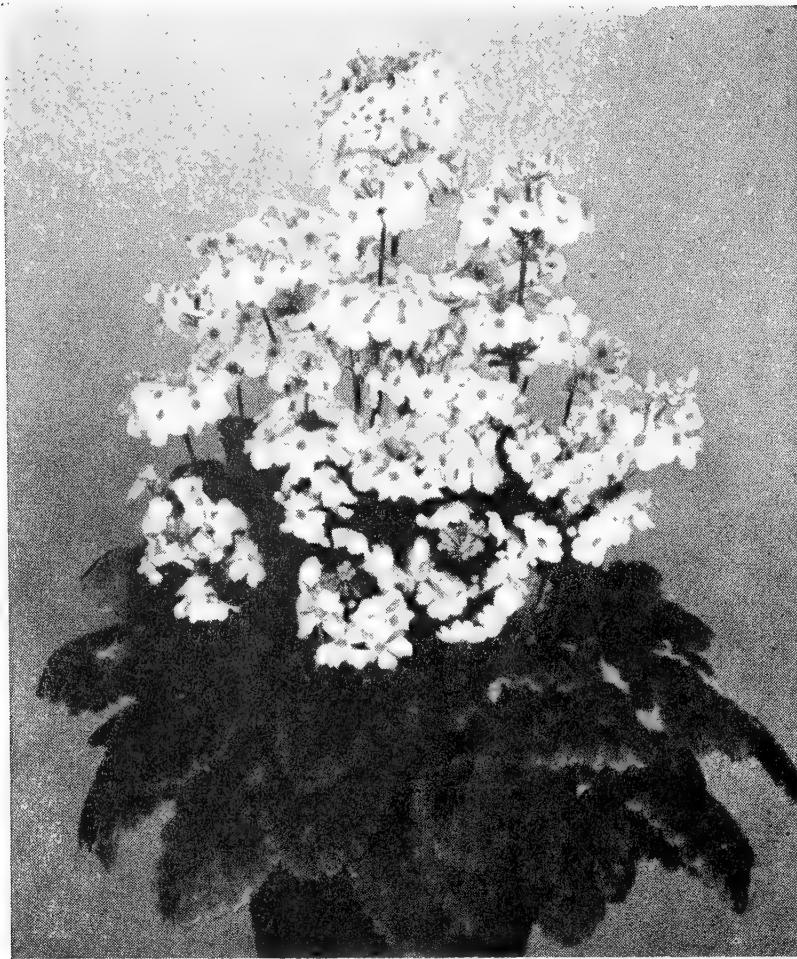
- \***Luminosa.** Very attractive and popular scarlet red. Tr. pkt., \$1.00;  $\frac{1}{6}$  oz., \$3.00;  $\frac{1}{32}$  oz., \$5.50.
- Prima Donna.** Medium rose pink. Prefer Scandinavia Pink. Tr. pkt., \$1.00;  $\frac{1}{6}$  oz., \$2.00;  $\frac{1}{32}$  oz., \$3.50.
- \***Scandinavia Pink.** Very free flowering bright rose pink. Fine bushy pot plant habit. Tr. pkt., \$1.00;  $\frac{1}{6}$  oz., \$2.75;  $\frac{1}{32}$  oz., \$5.00.
- \***Scandinavia Red.** Identical to the above except for its bright carmine scarlet flowers. Tr. pkt., \$1.00;  $\frac{1}{6}$  oz., \$2.75;  $\frac{1}{32}$  oz., \$5.00.
- Scandinavia White.** A white Scandinavia selection. Tr. pkt., \$1.00;  $\frac{1}{6}$  oz., \$2.75;  $\frac{1}{32}$  oz., \$5.00.
- Intermediate Varieties Mixed.** Our own mixture made up of the above separate colors; carefully blended. Tr. pkt., \$1.00;  $\frac{1}{6}$  oz., \$2.00;  $\frac{1}{32}$  oz., \$3.50.

## TALL CLASS

- Christmas Cheer.** Large flowered deep crimson rose. Tr. pkt., \$1.00;  $\frac{1}{6}$  oz., \$1.75;  $\frac{1}{32}$  oz., \$3.25.
- Glory of Erfurt.** Medium rose shades. Tr. pkt., \$1.00;  $\frac{1}{32}$  oz., \$2.25.
- Ille de France.** Large flowered white. Tr. pkt., \$1.00;  $\frac{1}{6}$  oz., \$1.75;  $\frac{1}{32}$  oz., \$3.25.
- Masterpiece.** Extra large flowered, clear pink. Tr. pkt., \$1.00;  $\frac{1}{6}$  oz., \$2.25;  $\frac{1}{32}$  oz., \$4.00.
- \***Pink Radio.** Extra large flowered rich glowing rose. Tr. pkt., \$1.00;  $\frac{1}{6}$  oz., \$2.25;  $\frac{1}{32}$  oz., \$4.00.
- \***Silver Wings.** Extra large pure white flowers with bright green foliage. Tr. pkt., \$1.00;  $\frac{1}{6}$  oz., \$1.75;  $\frac{1}{32}$  oz., \$3.25.
- Tall Varieties Mixed.** A formula mixture of the above strong growing sorts. Tr. pkt., \$1.00;  $\frac{1}{6}$  oz., \$1.50;  $\frac{1}{32}$  oz., \$2.50.

## TUBEROUS ROOTED BEGONIAS

- \***Tuberous Rooted Double Mixed.** Gorgeous colors with 80 to 90% good doubles. Tr. pkt. (1000 seeds or more), \$2.50.
- Tuberous Rooted Single Mixed.** Attractive shades of orange, rose, scarlet, etc. Large flowered. Tr. pkt., \$1.00;  $\frac{1}{6}$  oz., \$2.50;  $\frac{1}{32}$  oz., \$4.50.
- \***Lloydii Mixed.** Nice 4 in. plants of this graceful pendulous Begonia can be grown in 6 or 7 months from seed. Double flowers, about 2 in., in shades of scarlet, rose, salmon and white. Tr. pkt., \$3.00.



A well grown 4 in. pot of *Primula Malacoides* or "Baby Primrose".

### **PRIMULA OBCONICA**

(4,000 seeds per  $\frac{1}{32}$  oz.)

This brightly colored class excels all other Primulas in flower size, but is irritating to some skins. Sow during June and July for late winter and early spring pot plants.

\***Fasbender's Red.** An outstandingly fine extra large flowered deep crimson red.

**Mohnstein's Atrosanguinea.** (Dark Red). Popular deep red.

\***Mueller's Berlin Rose.** (Mueller's Rosea). Soft medium rose. Heavy compact plants and large flowers.

**Lachsrosa.** Salmon rose shades.

\***Coerulea.** Clear mid-blue. A choice strain.

**White.** Rather tall growth.

\***Formula Mixture.** Carefully blended mixture of above colors.

**PRICES on Each Above Varieties:** Tr. pkt., \$1.25;  $\frac{1}{64}$  oz., \$2.25;  $\frac{1}{32}$  oz., \$4.25.

**Wyaston Wonder.** A special selection of this famous English variety. Vigorous growing, large flowered bright crimson. Tr. pkt., \$1.25;  $\frac{1}{64}$  oz., \$3.00;  $\frac{1}{32}$  oz., \$5.50.

### **PRIMULA CHINENSIS**

(Chinese Primula)

A popular class with many retail growers but wholesale growers find they shatter some when much handling or shipping is necessary.

\***Dazzler.** Vivid orange; an outstanding color. Tr. pkt., \$1.50;  $\frac{1}{32}$  oz., \$5.60.

**Special Mixture.** A choice assortment of colors. Tr. pkt., \$1.00;  $\frac{1}{32}$  oz., \$3.60.

## **Primulas**

### **PRIMULA MALACOIDES**

(12,000 seeds per  $\frac{1}{32}$  oz.)

This popular pot plant *Primula* may be sown from June on for Valentine's Day and later. Sowings made in August and early September make nice 3 in. plants for spring combinations. *Malacoides* Primulas are susceptible to a form of crown rot that is best controlled by keeping plants uniformly moist and in a temperature of not over 50°. Sow seed only in sterile unfertilized material as soils with a nitrate level of over 20 ppm. may result in poor germination.

#### **THE FOLLOWING FROM OUR OWN GROWING:**

- No. 31 **Riverside Red Rose.** Deep rose pink. Tr. pkt., \$1.00;  $\frac{1}{64}$  oz., \$2.75;  $\frac{1}{32}$  oz., \$5.00.
- No. 32 **Glory of Riverside Imp.** An excellent variety with beautiful salmon-rose flowers. Tr. pkt., \$1.00;  $\frac{1}{64}$  oz., \$2.75;  $\frac{1}{32}$  oz., \$5.00.
- No. 33 **New Giant.** Large flowered, late blooming salmon-rose. Tr. pkt., \$1.00;  $\frac{1}{64}$  oz., \$2.75;  $\frac{1}{32}$  oz., \$5.00.
- No. 39 **Lilac Beauty.** Shades of soft lilac. Tr. pkt., \$1.00;  $\frac{1}{64}$  oz., \$2.75;  $\frac{1}{32}$  oz., \$5.00.
- No. 41 **White Giant.** Pure white; large flowers and heavy stems. Tr. pkt., \$1.00;  $\frac{1}{64}$  oz., \$2.75;  $\frac{1}{32}$  oz., \$5.00.
- No. 42 **Pure White Imp.** Somewhat smaller but earlier than the above. Tr. pkt., \$1.00;  $\frac{1}{64}$  oz., \$2.75;  $\frac{1}{32}$  oz., \$5.00.
- No. 43 **Brilliancy.** Small flowered lavender—turning to dark red. Tr. pkt., \$1.00;  $\frac{1}{64}$  oz., \$2.75;  $\frac{1}{32}$  oz., \$5.00.

**No. 51 Mrs. Eriksson of Riverside.** Large flowers of deep rose red on compact plants of medium height. The brightest color in "Baby Primroses." Tr. pkt., \$1.25;  $\frac{1}{64}$  oz., \$3.50;  $\frac{1}{32}$  oz., \$6.50.

- No. 60 **Rosea Superba.** Strong growing bright rosy orchid. Tr. pkt., \$1.00;  $\frac{1}{64}$  oz., \$2.50;  $\frac{1}{32}$  oz., \$4.50.
- No. 61 **Springtime.** Similar to Glory of Riverside but dwarfer in growth. Tr. pkt., \$1.00;  $\frac{1}{64}$  oz., \$2.75;  $\frac{1}{32}$  oz., \$5.00.
- No. 62 **Ball Lavender.** A distinct improvement over Rosea Superba in its more uniformly bushy growth and brighter orchid-lavender color. Tr. pkt., \$1.00;  $\frac{1}{64}$  oz., \$2.75;  $\frac{1}{32}$  oz., \$5.00.
- No. 63 **Ball Deep Rose.** Intermediate in color between Glory of Riverside and Mrs. Eriksson. Tr. pkt., \$1.00;  $\frac{1}{64}$  oz., \$2.75;  $\frac{1}{32}$  oz., \$5.00.
- No. 50 **Mixture.** Our own balanced formula mixture. Tr. pkt., \$1.00;  $\frac{1}{64}$  oz., \$2.50;  $\frac{1}{32}$  oz., \$4.50.

#### **THE FOLLOWING IN ERIKSSON'S PACKETS:**

See above for color descriptions.

- No. 2 **Glory of Riverside Imp.** 500 seeds, \$1.25; 2000 seeds, \$4.00.
- No. 3 **Eriksson's New Giant.** 500 seeds, \$1.25; 2000 seeds, \$4.00.
- No. 5 **New Baby Improved.** Large flowered, deep wine red. 800 seeds, \$1.25; 2000 seeds, \$3.00.
- No. 8 **Peachblossom.** Shades of soft creamy pink; varies some. 500 seeds, \$1.25; 2000 seeds, \$4.00.
- No. 9 **Lilac Beauty.** 500 seeds, \$1.25.
- No. 11 **Eriksson's White Giant.** 500 seeds, \$1.25; 2000 seeds, \$4.00.
- No. 12 **Eriksson's Pure White Imp.** 800 seeds, \$1.25; 2000 seeds, \$3.00.
- No. 21 **Mrs. Eriksson of Riverside.** 500 seeds, \$1.25.
- No. 20 **Eriksson's Special Mixed.** Some of all the originator's varieties. 800 seeds, \$1.25; 2000 seeds, \$3.00; 6000 seeds, \$8.00.

# Ball Calendula

(3,000 seeds per oz.)

The important points in growing a crop of first class Calendula are an early start (July in our latitude); disbudding to insure large flowers on long, stiff stems and cool temperatures—not over 45°. Remember, though, that genuine BALL CALENDULA are available only in our trade-marked containers and that our yearly re-selection of planting stock for seed production helps to keep these strains at their very best.

\***Ball Improved Long Orange.** The longest stemmed and largest flowered variety. Golden orange with light eye.

\***Ball Masterpiece.** Deep glowing orange with dark eye.

\***Ball Lemon Queen.** Lemon yellow with dark brown eye.

\***Ball Gold.** Deep golden yellow with light eye.

**Ball Long Orange.** Extra deep, intense orange. Light eyed.

**Ball Apricot.** Buff or straw yellow with dark eye.

**Campfire.** Popular deep orange.

**Moonlight** (Ball White). Pale yellow with light eye.

**Prices** above 8, each: Tr. pkt., 40c; 1/4 oz., 60c; 1 oz., \$2.00;  
2 oz., \$3.50; 4 oz., \$6.50.

\***Ball Formula Mixture.** Carefully made up of our named varieties with fully half orange.

**Ball Art Shades Mixture.** Contains many original and unusual shades and interesting bi-colors.

**Prices** above 2, each: Tr. pkt., 35c; 1/4 oz., 50c; 1 oz., \$1.50;  
4 oz., \$5.00.

A well-grown house of Ball Calendula →



## Colorful Schizanthus

\***Ball Giant Flowered.** Remarkable flower size and brilliant color range are the outstanding points about this fine strain. Medium tall in habit with flowers 2 inches in diameter. Tr. pkt., 75c; 1/8 oz., \$2.00; 1/4 oz., \$3.60.

**Ball Dwarf Mixture.** A distinctly dwarf growing strain with large compact heads of medium sized flowers. Makes an excellent pot plant. Tr. pkt., 50c; 1/8 oz., \$1.50; 1/4 oz., \$2.50.

**Dr. Badger's Improved Hybrids.** A brightly colored large-flowered strain of medium height. Suitable either for pots or cutting. Tr. pkt., 35c; 1/4 oz., \$1.15.



Dwarf Marigolds make useful material for winter combinations.

**Ball Brilliant Blend.** A carefully blended mixture of fairly tall growing varieties recommended for the grower who grows a limited number of plants and wants a complete mixture. Tr. pkt., 35c; 1/8 oz., 75c; 1/4 oz., \$1.25.

\***Giant Blotched.** Bright colored rose and pink shades, with contrasting dark centers. Somewhat earlier than most strains and a good pot plant if well pinched. Tr. pkt., 50c; 1/8 oz., \$1.25; 1/4 oz., \$2.25.

**Monarch Strain.** An attractive mixture of bright golden rose colors. Tr. pkt., 50c; 1/8 oz., \$1.25; 1/4 oz., \$2.25.

**Pansy-Flowered Mixture.** Flowers flat and full petalled, resembling small Pansy flowers. Tr. pkt., 35c; 1/8 oz., \$1.00; 1/4 oz., \$1.80.

## MARIGOLDS

**DWARF FRENCH.** Sow mid-September and grow warm in small pots or bands for use in winter combinations.

**Spry.** Golden crest with contrasting dark red guard petals.

**Ball Dwarf Harmony.** Bright orange and velvety maroon.

**Butterball.** Butter yellow faintly tipped with maroon.

**Sunkist.** Solid, deep orange flowers. Uniformly dwarf.

**PRICES** on above four varieties each: Tr. pkt., 25c; 1/4 oz., 50c; 1 oz., \$1.75; 4 ozs., \$5.50.

**WINTER FLOWERING.** This class is of value for winter cutting from a fall sowing and will not flower during summer.

**Australian Tree.** Golden yellow crest with mahogany guard petals. Tr. pkt., 25c; 1/4 oz., 40c; 1 oz., \$1.20.

**Lieb's Brown and Gold.** Similar to above. Tr. pkt., 25c; 1/4 oz., 60c; 1 oz., \$2.00.

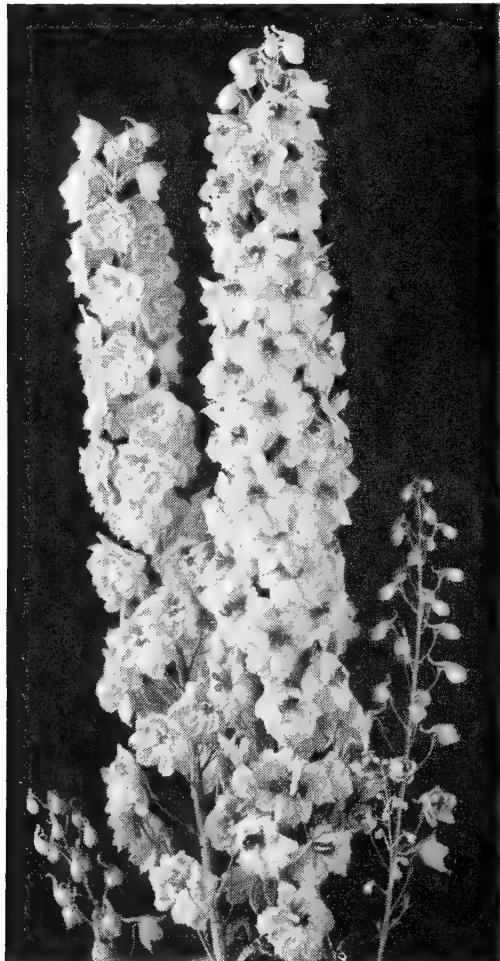
**Winter Harmony.** Bright orange crest with reddish guard petals. Tr. pkt., 25c; 1/4 oz., 40c; 1 oz., \$1.20.

# Profitable Delphinium

(10,000 seeds per oz.)

Delphinium will germinate poorly in a high temperature. We find the best plan for producing strong plants to sell or plant out in spring is to sow around Sept. 1 in finely prepared soil in a cold frame. Be sure it is well watered and sow thinly to avoid the necessity of transplanting.

For forcing, sow the seed not later than Aug. 1 in flats set in the coolest spot available and later transplant the seedlings into frames. After a short rest, or late Nov. they should be taken up and planted in a cold house spacing 6 x 8 in. About Feb. 1, start them into growth in a minimum temperature of 40-45°, later increasing to 50° nights. This schedule should get them into full crop by Mother's Day. The finest of all hybrid Delphinium are the Giant Pacific Hybrids.



Decidedly the best Hybrid Delphinium are the Giant Pacifics pictured here. Originated by Vetterle and Reinelt of California, they are available in a fine line of colors from light to darkest blue, lavender, mauve and white.

## GIANT PACIFIC HYBRIDS Court Series

\***Percival Series.** Large glistening white flowers with strongly contrasting black bees. Tr. pkt., \$1.50; 1/8 oz., \$3.00; 1/4 oz., \$5.40; 1 oz., \$16.20.

\***Blue Bird Series.** The clearest of medium blues with white bee.

**Black Knight Series.** Deep mid-night violet. The darkest of them all.

**Blue Jay Series.** A brilliant true medium blue with dark bee.

**Cameliard Series.** A pure lavender self with white bee. Very attractive.

\***King Arthur Series.** Royal violet with white bee. Exceptional flower size.

**Guinevere Series.** See box above.

**Galahad Series.** See box above.

**Summer Skies Series.** See box above.

**Round Table Series.** Contains all the above varieties with many new color types not yet introduced.

**PRICES on Above Varieties (Except Percival):** Tr. pkt., \$1.25; 1/8 oz., \$2.50; 1/4 oz., \$4.00; 1 oz., \$14.00.

## GIANT PACIFIC HYBRIDS Regular Strains

**Clear White.** A very fine clear white, large flowered hybrid Delphinium.

**Blue Shades.** One of our most popular strains. Mixture of light, medium and dark blue shades.

**Lavender Pastel Shades.** Mostly two-tone lavender combinations with brown or black bees.

**Mixture.** A complete mixture of all colors in this fine hybrid type.

**PRICES on Above Three Varieties and Mixture, Each:** Tr. pkt., \$1.00; 1/8 oz., \$2.00; 1/4 oz., \$3.50; 1 oz., \$12.00.

## PRIZEWINNING GIANT PACIFIC HYBRIDS

These three varieties are outstandingly fine and deserve to be grown by every florist who does a cut-flower business.

\***Galahad Series.** The finest clear white Delphinium. Huge, double flowers borne on long closely set spikes.

\***Guinevere Series.** Fine light, pinkish-lavender with white bee.

\***Summer Skies Series.** Light blue with an attractively contrasting white bee.

**Prices Above 3, Each:** Tr. pkt., 1.25; 1/8 oz., \$2.50; 1/4 oz., \$4.00; 1 oz., \$14.00.

## MISCELLANEOUS VARIETIES

\***Belladonna Improved.** (Clivedon Beauty). A carefully reselected strain of this standard light blue. Tr. pkt., 35c; 1/4 oz., 95c; 1 oz., \$2.85; 4 oz., \$10.00; 1 lb., \$35.00.

**Belladonna.** The original or regular strain. Tr. pkt., 30c; 1/4 oz., 70c; 1 oz., \$2.20.

**Bellamossom Improved.** A reselected strain of this standard deep blue. Tr. pkt., 35c; 1/4 oz., 95c; 1 oz., \$2.85; 4 oz., \$10.00; 1 lb., \$35.00.

\***Lamartine.** Deep, bright marine blue with white eye. Outstanding for color and cut flower habit. Tr. pkt., 50c; 1/4 oz., \$1.35; 1 oz., \$4.75.

\***Blackmore and Langdon Hybrids.** Shades of blue with contrasting bees. A fine free-flowering, hybrid strain. Tr. pkt., 35c; 1/4 oz., 90c; 1 oz., \$2.70; 4 oz., \$9.00.

**Wrexham or Hollyhock Strain.** Extra large, tapering spikes. Long blooming period. Tr. pkt., 50c; 1/4 oz., \$1.60; 1 oz., \$5.50.

**Gold Medal Hybrids.** Tr. pkt., 25c; 1/4 oz., 50c; 1 oz., \$1.75.

## DELPHINIUM CHINENSIS

(20,000 seeds per oz.)

\***Blue Mirror.** Bright navy blue flowers without spurs. Tr. pkt., 50c; 1/4 oz., \$1.20; 1 oz., \$3.60.

\***Cambridge Blue.** The standard Belladonna-blue variety. Tr. pkt., 35c; 1/4 oz., 75c; 1 oz., \$2.60.

**White Dark Blue Mixture**

**PRICES on above three:** Tr. pkt., 20c; 1/4 oz., 35c; 1 oz., \$1.25.

New crop Delphinium seed will be ready for shipment in July.

# Fine Hardy Perennials

A sowing of hardy perennials made this summer will flower freely next year with a minimum of care. The following varieties are all produced for us by specialist growers.

**ACHILLEA**—\***Filipendula**, Parker's Variety (Eupatorium). Golden yellow. Tr. pkt., 25c; 1/8 oz., 65c; 1/4 oz., \$1.20.  
\***The Pearl** (Ptarmica). The standard double white for cutting. Tr. pkt., 25c; 1/8 oz., 65c; 1/4 oz., \$1.20.

**ALYSSUM**—\***Saxatile Compactum**. Flowers early May. Rich golden yellow. Tr. pkt., 15c; 1/4 oz., 30c; 1 oz., \$1.00.  
**Saxatile Silver Queen** (Sulphureum). Light lemon yellow. Tr. pkt., 25c; 1/4 oz., 65c; 1 oz., \$2.25.

**ANCHUSA**—\***Barrelieri**. Forget-me-not blue rock garden plant. Tr. pkt., 35c; 1/4 oz., 85c; 1 oz., \$3.00.  
**Dropmore Strain** (Italica). Nice blue for cutting. Tr. pkt., 15c; 1/4 oz., 20c; 1 oz., 60c.  
**Myosotidiflora**. May flowering forget-me-not blue. Tr. pkt., 50c; 1/8 oz., \$1.25; 1/4 oz., \$2.25; 1 oz., \$8.00.

**ANEMONE**—St. Brigid Mixed. Choice long stemmed mixture of brilliant colors. Tr. pkt., 50c; 1/4 oz., \$1.30; 1 oz., \$4.20.

**ANTHEMIS**—**Kelwayi** (Hardy Marguerite). Yellow Daisy flowers produced thruout summer. Tr. pkt., 15c; 1 oz., 65c.

**AQUILEGIA**—(Columbine). **Alpina**. Blue. Tr. pkt., 25c; 1/4 oz., 85c; 1 oz., \$3.00.

**Caerulea** (Rocky Mountain Columbine). Sky-blue with white corolla. Tr. pkt., 25c; 1/4 oz., 75c; 1 oz., \$2.50.

\***Crimson Star Hybrids**. About 60% dark red with white corolla. Tr. pkt., 50c; 1/8 oz., \$1.50; 1/4 oz., \$2.75.

\***Longissima**. Delicate, pale yellow with extra long (4 in.) spurs. Tr. pkt., 50c; 1/8 oz., \$2.50; 1/4 oz., \$4.50.

\***Longissima Hybrids**. A variety of attractive shades in this extra long spurred class. Tr. pkt., 50c; 1/8 oz., \$2.00.

\***Mrs. Nicholls**. Deep blue. Tr. pkt., 50c; 1/8 oz., \$1.25; 1 oz., \$8.00.

\***Mrs. Scott Elliotts Hybrids**. An excellent and popular long-spurred mixture. Tr. pkt., 35c; 1/4 oz., \$1.00; 1 oz., \$3.50.

**Rose Queen**. Rose with white. Tr. pkt., 35c; 1/4 oz., 70c.

\***Snow Queen**. Extra large pure white flowers. Tr. pkt., 25c; 1/4 oz., \$1.00; 1 oz., \$3.50.

**Mixture**. Tr. pkt., 25c; 1/4 oz., 85c; 1 oz., \$3.00.

**ARABIS** (Rock Cress)—\***Alpina Snowcap**. Shining snow-white. Tr. pkt., 35c; 1/4 oz., 75c; 1 oz., \$2.50.

**Alpina**. White. Tr. pkt., 25c; 1/4 oz., 55c; 1 oz., \$1.80.

**ASCLEPIAS**—**Tuberosa**. Fine orange for cutting. Tr. pkt., 25c; 1/4 oz., 85c; 1 oz., \$2.75.

**ARMERIA**—**Formosa, Large Flowered Hybrids**. Tr. pkts. only, 35c.

\***Glory of Holland**. Ball-shaped deep pink flowers about 1 1/2 inches in diameter. Tr. pkt., 50c; 1/8 oz., \$2.00.

**ASTER**—**Hardy Large Flowered Mixture**. Attractive assortment. Tr. pkt., 50c; 1/8 oz., \$1.10; 1/4 oz., \$2.00.

**Alpinus, Finest Mixed**. Tr. pkt., 50c; 1/8 oz., \$1.00.

**AUBRIETIA**—**Large Flowered Hybrids** (Monarch strain). Wide and bright color mixture. Tr. pkt., 50c; 1/8 oz., \$1.00.

**Hendersonii**. Deep purple. Tr. pkt., 50c; 1/8 oz., \$1.00.

**Leichtlinii**. Carmine rose. Tr. pkt., 50c; 1/8 oz., \$1.00.

**BAPTISIA**—**Australis** (False Indigo). Sprays of pea-shaped indigo-blue flowers. Tr. pkt., 25c; 1 oz., 75c.

**BELLIS**—**PERENNIS**. Popular Double English Daisy. Red Rose White  
Each, above three: Tr. pkt., 50c; 1/8 oz., \$2.00; 1/4 oz., \$3.50.

**Mixture**. Tr. pkt., 50c; 1/8 oz., \$1.80; 1/4 oz., \$3.20.

**BOCCONIA**—**Japonica** (Plume Poppy). Tr. pkt., 25c; 1/4 oz., 50c.

**BOLTONIA**—**Latisquama**. Delicate pink. Tr. pkt., 25c; 1/4 oz., \$1.35; 1 oz., \$4.25.

**CAMPANULA**—**CARPATICA**. Dwarf perennial. Blue. Tr. pkt., 40c; 1/4 oz., \$2.50.

\***Hybrid Mixture**. Tr. pkt., 75c; 1/8 oz., \$2.25.

**MEDIUM CALYCANTHEMA** (Cup-and-saucer Type).

**Dark Blue**   **Light Blue**   **Rose**   **White**   **Mixture**  
Prices above 5, each: Tr. pkt., 20c; 1/4 oz., 50c; 1 oz., \$1.60.

**MEDIUM SINGLE** (Canterbury Bells).

**Dark Blue**   **Light Blue**   **Pink**   **White**   **Mixture**  
Prices above 5, each: Tr. pkt., 15c; 1/4 oz., 25c; 1 oz., 75c.

**PERSICIFOLIA**.   **White**   **Blue**   **Mixture**  
Prices above 3, each: Tr. pkt., 35c; 1/8 oz., \$1.00; 1/4 oz., \$1.75.

**Telham Beauty**. Tr. pkt., 35c; 1/8 oz., \$1.00; 1/4 oz., \$1.75.

**PYRAMIDALIS** (Chimney Campanula).

**Mixture**. Tr. pkt., 35c; 1/4 oz., 75c; 1 oz., \$2.50.

**CARNATION**—**GRENAVIN** (Hardy Carnation).

**Golden Sun**   \***Pink**   \***Red**   **White**   \***Mixture**  
Prices above 5, each: Tr. pkt., 50c; 1/4 oz., \$2.50; 1 oz., \$8.00.

**CATANANCHE**—**Coerulea**. Everlasting light lavender-blue flowers. Tr. pkt., 25c; 1/4 oz., 45c; 1 oz., \$1.50.

**CENTAUREA**—**Montana**. Large Cornflower-blue flowers. Tr. pkt., 25c; 1/4 oz., 40c; 1 oz., \$1.20.

**CERASTIUM**—\***Tomentosum**. White edging and rockery plant. Tr. pkt., 25c; 1/4 oz., 50c; 1 oz., \$1.75.

**CHEIRANTHUS** (Wallflower)—\***Golden Bedder**. Large deep golden yellow. Tr. pkt., 15c; 1/4 oz., 25c; 1 oz., 75c.

**Allioni**. Free flowering brilliant orange. Tr. pkt., 10c; 1 oz., 35c.

**CHRYSANTHEMUM**—\***Glory Mixture**. Our finest mixture of hardy Chrysanthemums. Tr. pkt., 75c; 1/8 oz., \$2.20; 1/4 oz., \$4.00.

**Korean Hybrids**. Single and semi-double types in a good color range. Tr. pkt., \$1.00; 1/8 oz., \$2.75; 1/4 oz., \$5.00.

**CLEMATIS**—**RECTA**. **Mandschurica**. Pure white. Tr. pkt., 70c; 1/8 oz., \$1.40; 1/4 oz., \$2.50.

**COREOPSIS**—\***Sunburst** (New Gold). A fine semi-double strain. Tr. pkt., 20c; 1/4 oz., 30c; 1 oz., \$1.00.

**Mayfield Giant**. Extra large deep golden yellow. Single. Tr. pkt., 15c; 1/4 oz., 25c; 1 oz., 75c.

**DAISY** (Chrysanthemum Leucanthemum)—\***G. Marconi**. The largest flowered and finest double Shasta Daisy. Originator's seed. Tr. pkt., 50c; 6 Tr. pkts., \$2.50. Regular stock. Tr. pkt., 50c; 1/8 oz., \$1.50; 1/4 oz., \$2.75.

**Double Fringed** (Diener's). A specially reselected strain. Tr. pkt., 50c; 1/8 oz., \$1.25; 1/4 oz., \$4.00.

**June Marguerite**. Tr. pkt., 25c; 1/4 oz., 40c; 1 oz., \$1.25.

\***Mayfield Giant**. Quite large flowered, end of June.

**Alaska**. The standard Shasta Daisy, July.

**Conqueror**. Giant late white, late July.

Prices above 3, each: Tr. pkt., 15c; 1/4 oz., 30c; 1 oz., \$1.00.

**DELPHINIUM**—See page 12.

**DIANTHUS**—**Allwoodi Alpinus Mixed**. Single flowers in shades of pink. Tr. pkt., 35c; 1/8 oz., 90c.

**Deltoides Erecta**. A dwarf Maiden Pink. Bright red. Tr. pkt., 35c; 1/8 oz., 90c; 1/4 oz., \$1.50.

\***Latifolius Atrococcineus**. Miniature crimson flowers. Tr. pkt., 25c; 1/8 oz., 90c; 1/4 oz., \$1.50; 1 oz., \$4.50.

**DIANTHUS, continued**

**PLUMARIUS** (Clove Pink). **Cyclops**. Deep rose with crimson ring. Tr. pkt., 35c; 1/4 oz., \$1.00.

**Single Mixture**. Tr. pkt., 15c; 1/4 oz., 40c; 1 oz., \$1.35.

**BARBATUS** (Sweet William). Early June flowering.

\***Holborn Glory**. Striking combination of crimson with white.

\***Newport Pink** (Pink Beauty). Salmon rose shade.

**Purple Beauty**. A rich deep color.

**Scarlet Beauty**. Well named, intense scarlet red.

**Giant White**. Ours is an extra large flowered strain.

**Single Mixture** \***Double Mixture**

Prices above 7, each: Tr. pkt., 30c; 1/4 oz., 75c; 1 oz., \$2.40.

\***Single Midget Mixed**. Very fine rock plant. Tr. pkt., 50c; 1/4 oz., \$1.50; 1 oz., \$4.50.

\***Double Midget Mixed**. Tr. pkt., 35c; 1/4 oz., 85c; 1 oz., \$3.00.

**DICENTRA—Spectabilis** (Bleeding Heart). Tr. pkt., \$1.00; 1/8 oz., \$1.75; 1/8 oz., \$3.25.

**Eximia** (Plumy Bleeding Heart). Tr. pkt., 35c; 1/4 oz., \$1.00.

**DICTAMNUS—Fraxinella** (Gas Plant). Pink with dark veins. Tr. pkt., 25c; 1/4 oz., 50c; 1 oz., \$1.75.

**DIGITALIS—GLOXINOIDES** (Foxglove).

**Purple Rose Giant Shirley Mixture**  
Each: Tr. pkt., 20c; 1/4 oz., 60c; 1 oz., \$2.00.

**ECHINOPS—Ritro** (Ornamental Thistle). Blue flower heads 1 1/2 to 2" in diameter. Tr. pkt., 35c; 1/4 oz., \$1.00; 1 oz., \$3.00.

**EUPHORBIA—Corollata** (Wild Baby's Breath). Small white flowers. Tr. pkt., 35c; 1/4 oz., \$1.25; 1 oz., \$4.25.

**Myrsinites**. Silvery foliage. Tr. pkt., 35c; 1/8 oz., \$1.00.

**GAILLARDIA—GRANDIFLORA**. \***Dazzler**. The standard fine cutting strain. Golden yellow with maroon center.

\***Monarch Strain**. A very superior mixture.

Prices above 2, each: Tr. pkt., 25c; 1/4 oz., 50c; 1 oz., \$1.75.

\***Burgundy**. Red. Tr. pkt., 25c; 1/4 oz., 75c; 1 oz., \$2.25.

**Portola Hybrids Mixed**. Tr. pkt., 25c; 1/4 oz., 50c; 1 oz., \$1.75.

**Goblin**. Compact plants. Tr. pkt., 25c; 1/4 oz., 65c; 1 oz., \$2.25.

**GEUM—Lady Stratheden**. Double golden yellow.

**Mrs. Bradshaw**. Double glowing red.

Prices above 2, each. Tr. pkt., 25c; 1/4 oz., 50c; 1 oz., \$1.75.

**GYPSOPHILA—\*Pacifica**. Starry pink flowers in Sept. and Oct. Tr. pkt., 25c; 1/4 oz., 80c; 1 oz., \$2.75.

\***Oldhamiana**. Feathery light pink. Oct. flowering-watch frost dates. Tr. pkt., 25c; 1/4 oz., 65c; 1 oz., \$2.25.

**PANICULATA**. \***Double Snow Flake**. About 50% are double flowering plants. Tr. pkt., 35c; 1/4 oz., \$1.35; 1 oz., \$4.50.

**Single White**. Tr. pkt., 15c; 1 oz., 40c.

**REPENS**. Rose. Tr. pkt., 25c; 1/4 oz., 80c; 1 oz., \$2.40.

**HELIANTHEMUM—Mutabile** (Rock Rose). Attractive dwarf rock plant. Tr. pkt., 20c; 1/4 oz., 40c; 1 oz., \$1.35.

**HESPERIS—Matronalis** (Sweet Rocket). Sweet scented violet flowers. Tr. pkt., 15c; 1/4 oz., 30c; 1 oz., 90c.

**HEUCHERA—Sanguinea Splendens** (Coral Bells). Crimson. Tr. pkt., 50c; 1/8 oz., \$1.75; 1/8 oz., \$3.00.

**HIBISCUS—Mallow Marvels Mixed**. Ours is an extra large flowered strain. Tr. pkt., 20c; 1/4 oz., 40c; 1 oz., \$1.20.

**HOLLYHOCK—Imperator**. Choice double fringed mixture. Tr. pkt., 30c; 1/4 oz., 55c; 1 oz., \$1.80.

**HOLLYHOCK, continued**

**Allegheny Mixed**. Single and semi-double types. Tr. pkt., 15c; 1/4 oz., 25c; 1 oz., 75c.

**Triumph**. Double fringed flowers in delicate art shades. Tr. pkt., 30c; 1/4 oz., 50c; 1 oz., \$1.50.

**CHATER'S DOUBLE**. The standard double Hollyhock.

**Chamois, Deep Rose, Lilac Beauty, Newport Pink, Scarlet, Sulphur Yellow, White and Mixture**.

Prices above 8, each: Tr. pkt., 30c; 1/4 oz., 50c; 1 oz., \$1.50.

**IBERIS—Gibraltarica**. Large flowered lilac. Tr. pkt., 20c; 1/4 oz., 45c; 1 oz., \$1.40.

**Sempervirens**. White flowers in late May. Tr. pkt., 50c; 1/4 oz., \$1.25; 1 oz., \$4.50.

**LATHYRUS—LATIFOLIUS** (Hardy or Everlasting Sweet Pea).

**Pink Beauty White Pearl Red Mixture**  
Each: Tr. pkt., 20c; 1/4 oz., 30c; 1 oz., \$1.00.

**LAVANDULA—\*Munstead Strain**. Freely produces large sweet scented flowers. Tr. pkt., 35c; 1/4 oz., \$1.00.

**LEONTOPODIUM—Alpinum** (Edelweiss). Tr. pkt., 50c; 1/8 oz., \$1.00.

**LIATRIS** (Blazing Star)—\***Pycnostachya**. Long flower spikes of rosy purple.

**Scariosa**. Rosy purple. Extra large individual flower heads.

**Spicata**. Not quite so long-stemmed as Pycnostachya.  
Prices above 3, each: Tr. pkt., 30c; 1/4 oz., 90c; 1 oz., \$2.70.

**LILIES—\*White Queen**. The finest seed propagated Lily. 1/2 Tr. pkt., 60c; Tr. pkt., \$1.00; 1/8 oz., \$2.50; 1/4 oz., \$4.50; 1 oz., \$15.00.

**croft**. Will not be available before Oct. 15. Tr. pkt., 30c; 1/4 oz., 90c; 1 oz., \$2.70.

**Henryi**. Tr. pkt., 25c; 1/4 oz., 50c; 1 oz., \$1.50.

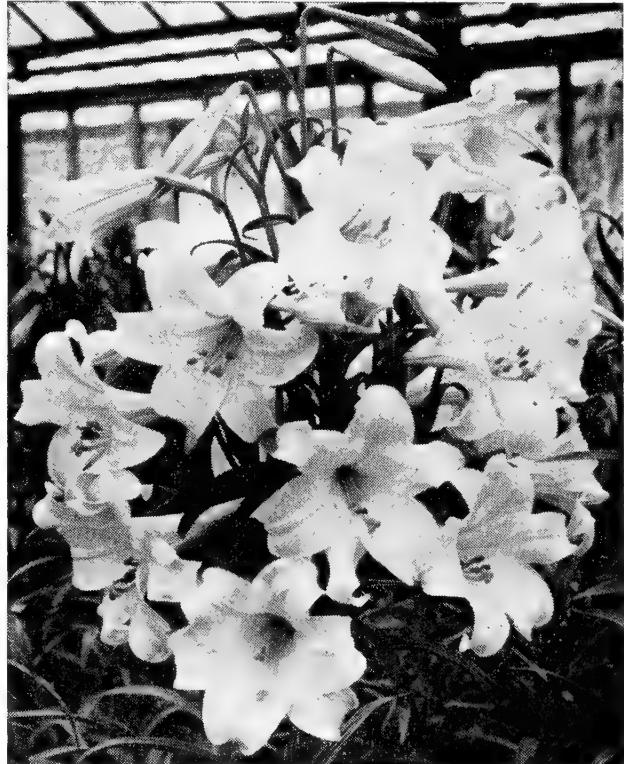
**Philippinense Formosanum, Giant Flowered**. Tr. pkt., 50c; 1/4 oz., \$1.00; 1 oz., \$3.50; 4 oz., \$12.00.

**Regale** (Regal Lily). Pink with primrose center. Tr. pkt., 25c; 1/4 oz., 50c; 1 oz., \$1.50; 4 oz., \$5.00.

**Tenuifolium** (Coral Lily). Medium sized flowers of brilliant coral red. Tr. pkt., 25c; 1/4 oz., 50c; 1 oz., \$1.50.

**LINUM—Perenne** (Perennial Flax). Tr. pkt., 15c; 1 oz., 50c.

**Flavum**. Yellow. Tr. pkt., 25c; 1/4 oz., 75c.



Lily, White Queen. This single plant actually produced twenty-seven flowers! Grown from seed in seventeen months.

**LOBELIA—Cardinalis** (Cardinal Flower). Tr. pkt., 25c; 1/4 oz., 75c; 1 oz., \$2.75.

**LUNARIA—BIENNIS** (Honesty or Money Plant).

**White Mixture**

Each: Tr. pkt., 25c; 1/4 oz., 35c; 1 oz., \$1.25.

**LUPINUS—POLYPHYLLUS** (Hardy Lupine). \***Russell Strain**. Unusually long flower spikes and attractive colors. Selected Stock (Originator's packets) : 20 seeds, 30c; 65 seeds, 65c; 150 seeds, \$1.25; 350 seeds, \$2.50. Grown from Originator's Stock: Tr. pkt., 35c; 1/4 oz., 60c; 1 oz., \$2.00; 4 oz., \$6.00.

MISCELLANEOUS POLYPHYLLUS VARIETIES.

**Dark Blue**. Tr. pkt., 15c; 1/4 oz., 35c; 1 oz., \$1.15.

**Rose**. Tr. pkt., 35c.

**White**. Tr. pkt., 20c; 1/4 oz., 30c; 1 oz., \$1.00.

\***Harkness Regal Mixture**. The standard fine hybrid mixture. Tr. pkt., 20c; 1/4 oz., 30c; 1 oz., \$1.00.

**LYCHNIS—\*Chalcedonica**. Scarlet. Tr. pkt., 25c; 1/4 oz., 40c; 1 oz., \$1.25.

**MATRICARIA—CAPENSIS** (Feverfew). \***Ball Double White**. Popular strain of Feverfew. Tr. pkt., 35c; 1/8 oz., \$1.00; 1/4 oz., \$1.75; 1 oz., \$5.75.

**Double Golden Ball**. Tr. pkt., 25c; 1/4 oz., 65c; 1 oz., \$2.25.

**MYOSOTIS** (Forget-me-not)—\***Blue Bird** (Oblongata). Standard blue for spring greenhouse flowering. Tr. pkt., 35c; 1/4 oz., 85c; 1 oz., \$3.00.

**Palustris Semperflorens**. Flowers from early spring until autumn. Tr. pkt., 35c; 1/4 oz., \$1.00; 1 oz., \$3.00.

**ALPESTRIS. Blue Eyes**. Early flowering bright blue with white eye. Tr. pkt., 50c; 1/4 oz., \$1.50; 1 oz., \$4.50.

\***Royal Blue** (Indigo Blue). Deep rich blue. Tr. pkt., 30c; 1/4 oz., 85c; 1 oz., \$3.00.

**NEPETA—Mussini** (June-flowering Catnip). Neat bushes with lavender-blue flowers. Tr. pkt., 25c; 1/4 oz., 75c.

**OENOTHERA—Youngii**. Yellow. Tr. pkt., 25c; 1/4 oz., 60c; 1 oz., \$1.80.

**PHLOX—Hybrid Mixture** (Decussata). Large brilliantly colored types. Tr. pkt., 25c; 1/4 oz., 50c.

**PHYSALIS—Francheti** (Chinese Lantern Plant). Giant orange-scarlet pods. Tr. pkt., 25c; 1/4 oz., 75c; 1 oz., \$2.50.

**PHYSOSTEGIA—Virginica**. Rosy Lilac. Tr. pkt., 50c; 1/4 oz., \$1.50; 1 oz., \$5.00.

**POPPY—ORIENTALE** (Oriental Poppy). **Beauty of Livermere**. Dark oxblood-red. Tr. pkt., 30c; 1/4 oz., \$1.25.

**Brilliant**. Fiery red. Tr. pkt., 35c; 1/8 oz., 90c; 1/4 oz., \$1.50.

**Princess Victoria Louise**. The standard light orange. Tr. pkt., 30c; 1/4 oz., \$1.00; 1 oz., \$3.50.

**Salmon Shades**. Tr. pkt., 35c; 1/8 oz., \$1.00; 1/4 oz., \$1.75. **Mixture**. Tr. pkt., 35c; 1/4 oz., \$1.25; 1 oz., \$4.00.

**PRIMULA—VERIS** \***Collosea**. Unusual colors. Tr. pkt., \$1.00; 1/8 oz., \$2.75; 1/4 oz., \$5.00; 1 oz., \$15.00.

\***Giant Munstead Strain**. Shades of yellow. Tr. pkt., 75c; 1/8 oz., \$2.00; 1/4 oz., \$3.75; 1 oz., \$14.00.

\***Polyanthus Mixture**. Tr. pkt., 75c; 1/8 oz., \$1.75; 1/4 oz., \$3.25; 1 oz., \$12.00.

**Giant Monarch Strain**. A fine large flowered mixture. Tr. pkt., 75c; 1/8 oz., \$2.00; 1/4 oz., \$3.75; 1 oz., \$14.00.

**Giant Crimson**      **Giant Yellow**      **Giant White**  
Prices above 3, each: Tr. pkt., 75c; 1/8 oz., \$1.75; 1/8 oz., \$3.00.

**Blue**. Tr. pkt., \$1.00; 3/2 oz., \$2.20; 1/6 oz., \$4.00.

**Vulgaris** (True Yellow English Primrose). Tr. pkt., 50c; 1/4 oz., \$1.65; 1 oz., \$6.00.

**PYRETHRUM—ROSEUM** (Painted Daisy). **Atrosanguineum**. Dark crimson. Tr. pkt., 50c; 1/4 oz., \$1.75; 1 oz., \$6.00.

**Rose**. Single pink flowers. Tr. pkt., 50c; 1/4 oz., \$1.75.

\***Robinson's Hybrids**. Large single mixture. Tr. pkt., 50c; 1/4 oz., \$1.75; 1 oz., \$6.00.

\***James Kelway**. Dark red. Tr. pkt., 50c; 1/4 oz., \$1.75.

\***Semi-Double Mixture**. An excellent strain. Tr. pkt., 50c; 1/4 oz., \$1.75; 1 oz., \$6.00.

**Single Mixed**. Tr. pkt., 50c; 1/4 oz., \$1.75; 1 oz., \$5.50.

\***Extra Double Mixture**. The finest double Pyrethrum. Tr. pkt., 50c; 1/8 oz., \$1.40; 1/4 oz., \$2.50; 1 oz., \$7.50.

**RUDBECKIA—Purpurea** (Echinacea). Reddish purple. Tr. pkt., 35c; 1/4 oz., \$1.00; 1 oz., \$3.00.

**SALVIA—Patens**. Navy blue. Tr. pkt., 50c; 1/4 oz., \$1.40.

**SAPONARIA—Ocymoides**. Hardy rock plant. Tr. pkt., 25c; 1/4 oz., 70c; 1 oz., \$2.10.

**SCABIOSA—Caucasica Goldingensis**. Large flowered, fine deep lavender. Tr. pkt., 35c; 1/4 oz., \$1.00; 1 oz., \$3.50.

**Caucasica Perfecta**. Improved large flowered form of this lilac lavender strain. Tr. pkt., 30c; 1/4 oz., 75c; 1 oz., \$2.50.

\***Caucasica, House Hybrids**. Large flowers ranging from white to deep blue. Tr. pkt., 35c; 1/4 oz., \$1.00; 1 oz., \$3.50.

**Fischeri**. Bright lilac-lavender. Tr. pkt., 35c.

**STATICE—Caspia**. Seedlings flower second season. Lilac. Tr. pkt., 25c; 1/4 oz., 75c; 1 oz., \$2.50.

\***Dumosa**. Dense clumps of silvery gray flowers. Tr. pkt., 25c; 1/4 oz., 75c; 1 oz., \$2.50.

\***Latifolia** (Sea Lavender). Standard blue perennial Statice. Tr. pkt., 25c; 1/4 oz., 60c; 1 oz., \$1.85.

**Perezi**. Flowers in large lavender heads first year from seed. Tr. pkt., 25c; 1/4 oz., 60c; 1 oz., \$1.85.

**STOKESIA—Cyanea** (Stoke's Aster). Large blue flowers. Tr. pkt., 35c; 1/4 oz., 90c; 1 oz., \$2.70.

**THALICTRUM—Dipterocarpum** (Meadow Rue). Rosy purple flowers. Tr. pkt., 25c; 1/4 oz., 75c; 1 oz., \$2.25.

**TRITOMA—\*Pfizers Hybrids**. Large brilliant red.

**Mirabilis Hybrids**. Yellow and orange shades.

Prices above 2, each: Tr. pkt., 25c; 1/4 oz., 60c; 1 oz., \$2.00.

**TROLLIUS—LEDEBOURI** (Globe Flower). Orange. Tr. pkt., 50c; 1/8 oz., \$1.25; 1/4 oz., \$2.00.

**VIOLA—CORNUTA**. Apricot. Prefer Chantreyland. Tr. pkt., 50c; 1/8 oz., \$1.10; 1/4 oz., \$2.00; 1 oz., \$6.00.

**Arkwright Ruby**. Maroon-scarlet with dark center. Bright color. Tr. pkt., 50c; 1/8 oz., \$1.50; 1/4 oz., \$2.65; 1 oz., \$8.00.

**Black Imp.** Tr. pkt., 50c; 1/4 oz., \$1.50; 1 oz., \$5.00.

\***Blue Elf** (Improved Johnny Jump Up). Three-colored blooms. Tr. pkt., 50c; 1/8 oz., \$1.25; 1/4 oz., \$2.25.

\***Blue Perfection**. Large flowered clear medium blue. Tr. pkt., 50c; 1/8 oz., \$1.10; 1/4 oz., \$2.00; 1 oz., \$6.00.

\***Chantreyland**. Extra large flowered true apricot. Tr. pkt., 50c; 1/8 oz., \$1.10; 1/4 oz., \$2.00; 1 oz., \$6.00.

**Firmament**. Free blooming, clear sky blue. Tr. pkt., 50c.

\***Helen Mount**. A combination of violet, lavender and canary yellow. Tr. pkt., 50c; 1/8 oz., \$1.25; 1/4 oz., \$2.25.

**Jersey Gem**. Deep orchid. Tr. pkt., 50c; 1/8 oz., \$1.50.

\***Lutea Splendens**. Clear golden yellow. Tr. pkt., 50c; 1/4 oz., \$1.50; 1 oz., \$5.00.

**Papilio**. Blue and white combinations. Extra dwarf and free-flowering. Tr. pkt., 35c; 1/4 oz., \$1.25; 1 oz., \$4.00.

\***White Perfection**. Small pure white. Tr. pkt., 35c; 1/4 oz., \$1.25; 1 oz., \$4.00.

\***Large-Flowered Mixture**. Complete mixture of all large flowered varieties. Tr. pkt., 35c; 1/4 oz., \$1.25; 1 oz., \$4.00.

# BOOST YOUR BULB SALES THIS FALL!

## Special Holland Tulip Collections for Resale



A field of Tulips growing for our special florists' trade.

Here's your chance to cash in on the heavy demand for Tulip bulbs this fall. People are getting tired of poor quality chain store kinds packed in fancy containers and more and more of them are turning to their florists for real results. Now you can offer them genuine forcing size bulbs in 8 named separate color varieties, each true to color

type. Remember though—it's important to start your display and sales as early as possible; not later than September 15. We offer the two following cases of Holland Tulips for fall delivery. Suitable colored posters to help your sales come with each case. Order now and be sure of having your bulbs on time.

### CASE No. 1

- 125 **Bartigon.** Bright red.
  - 125 **Philip Snowden.** Pink.
  - 125 **All Bright.** Deep red.
  - 125 **Copeland's Rival.** Lavender.
  - 125 **Dillenburg.** Orange.
  - 125 **White Giant.** White.
  - 125 **Golden Harvest.** Yellow.
  - 125 **Her Grace.** Pink.
- F.O.B. Chicago \$47.50

### CASE No. 2

- 250 **Bartigon.** Bright red.
  - 250 **Philip Snowden.** Pink.
  - 250 **All Bright.** Deep red.
  - 250 **Copeland's Rival.** Lavender.
  - 250 **Dillenburg.** Orange.
  - 250 **White Giant.** White.
  - 250 **Golden Harvest.** Yellow.
  - 250 **Her Grace.** Pink.
- F.O.B. Chicago or New York \$92.50

### SPECIAL OFFER

We will supply 5 of the above No. 2 cases, 1250 bulbs of each variety, for **\$450.00**  
**F.O.B. Chicago or New York**

### IMPORTANT!

The above cases are sold as units only. Should any varieties be sold out when your order is received we will substitute with

equally good or better named varieties. C.O.D. orders must be accompanied by 50% cash in advance.

## **ORDER FOR**

West Chicago, Ill.

**FIRM  
NAME**

**PLEASE USE SAME FIRM OR GREENHOUSE NAME ON ALL ORDERS TO AVOID CONFUSION ON OUR RECORDS.**

**STREET OR R. F. D.**

**CITY AND STATE**

**Disclaimer:** We, Geo. J. Ball, Inc., give no warranty, express or implied, as to the productiveness of any seeds, bulbs, or plants we send out and we will not be in any way responsible for the crop. Our liability, in all instances, is limited to the purchase price of the seeds, bulbs, or plants.

## **SALESMAN**

DATE

19

**WHEN  
WANTED**

## **TERMS**

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OUT

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M. O.

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Cash should accompany all orders unless credit has been established. C. O. D. shipments 50% in advance. Important. Make all checks or money orders payable to

**Geo. J. Ball, Inc.,  
WEST Chicago, Ill.**

We cannot be responsible for currency sent in the mail.

SOURCE

INS.

# Cash Discount

On seed orders, only (except Cyclamen) when remittance is enclosed, a cash discount of 5% will be allowed on amounts up to \$25.00; over \$25.00, 8%. No cash discount on Plant Bands.

SEE OVER FOR ADDITIONAL SPACE.

**IF YOU NEED MORE ORDER BLANKS - CHECK HERE**

See note on other side about Cash Discount and C.O.D.

Total—

# **BALL RED BOOK**

*By Geo. J. Ball and Associates*

Over 50 years of growing experience with miscellaneous crops is gathered into this handy pocket size booklet. More than two hundred florists' crops are treated in considerable detail. We gladly send it to our customers for the cost of printing and mailing which is 50c. As the present 6th edition is exhausted, we will hold your order for the new edition ready late 1947.

## GROWER TALKS

(Monthly)

*By Geo. J. Ball and others*

Our monthly medium for suggesting timely sowing of seasonal crops, along with practical suggestions for growing them on. Also includes notes of general Floricultural value as noted by the editor and his staff.

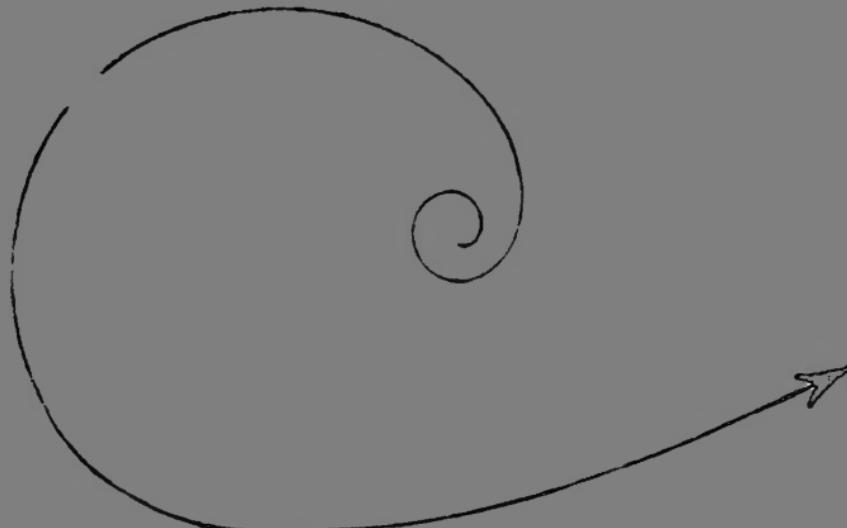
Monthly, 60c per yr.—2 yrs. \$1.00.

You can include subscription with your seed order.

## **PLEASE :**

We invite constructive criticism. If you have received stock from us that does not suit you just pencil it down here. Or if certain varieties do particularly well in your section it is equally interesting of course. Let's have a few words from you.

*"All the best--nothing else"*



*Gro. J. Ball*  
I. H. C.

*West Chicago,*

**FROM**

*Illinois*



# Annual Larkspur

(8,000 seeds per oz.)

(Pictured in color on back cover)

For growers who must plant Larkspur early we are offering this year for the first time, seed from a specially grown crop of our Six Best Varieties which should be ready by August 1. New crop seed from our main harvest will be ready late August and early September, in time for most growers' needs.

Larkspur is a very popular cut flower crop for both under glass and in the open. If a sowing is made outdoors by growers in the near south 6 or 7 weeks before the ground freezes, plants well enough established to winter over in all except the most severe seasons can be produced. In our locality sowing should be done late enough to avoid germination before the ground freezes. With good drainage and some coarse covering such a sowing will germinate promptly in early spring and get into flower 2 or 3 weeks before the spring sown crop.

For indoor growing, Larkspur is a nice crop to follow either late or early Mums. Well started 3 inch pot plants should be ready, and are produced by a September sowing in pots set in a cold frame. We prefer raised beds for Larkspur, but if ground beds are well drained and care is used in watering, very good results can be had with them. The base-branching varieties which include the Six Best listed below are largely used today, although the new Super Majestics are gaining wide favor.

## SIX BEST CUTTING VARIETIES

Our own market experience as well as seed demands, indicate that these represent the most satisfactory commercial varieties. All are base branching.

\***Blue Bell.** Clear mid-blue; excellent.  
\***Blue Spire.** Deep violet blue.  
\***Brilliant Rose.** Intense, luminous rose.  
\***Sweet Lavender.** Clear, even lavender.  
\***Rosalind.** Shatter-proof, salmon pink.  
\***White King.** Finest pure white.  
\***6-Best Mixture.** A formula mixture of these 6 varieties.

**PRICES on Above Six Best Varieties and Mixture:** Tr. pkt., 25c; 1/4 oz., 40c; 1/2 oz., 65c; 1 oz., \$1.10; 4 oz., \$3.60; 1 lb., \$11.00.

## STOCK FLOWERED VARIETIES

**Dark Blue.** Rather deep violet-blue.  
\***Lilac Supreme.** A clear deep lilac.  
\***Mauve Beauty.** Med. lavender mauve.  
\***Rosamond.** Excellent, deep rose.  
**Los Angeles.** Bright salmon-rose.  
**Rose Queen.** Attractive rose-pink.  
**Sky Blue.** A light blue.  
\***Tempest.** Brilliant deep blue.  
**White.** Prefer White King.  
**Formula Mixture** of above varieties.

**PRICES on All Above Stock-flowered varieties and Mixture:** Tr. pkt., 25c; 1 oz., 95c; 4 oz., \$3.20; 1 lb., \$9.60.

## BASE BRANCHING OR IMPERIAL VARIETIES

**Carmine King.** Variegated carmine-rose.  
\***Coral King.** Pleasing, soft coral rose.  
**Dazzler.** Rich carmine-scarlet.  
\***Exquisite Pink Imp.** Fine soft pink.  
**Gloria Imp.** Extra fine; deep rose.  
**Lilac King.** Rich, deep bluish-lavender.  
\***Lilac Queen.** Deep orchid; lighter and rosier than Lilac King.  
**Los Angeles Imp.** Bright salmon rose.  
**Miss California.** Pleasing, salmon pink.  
**Pink King.** Attractive, soft light pink.  
\***White Cockade.** Fine, fully double pure white flowers.  
**White Spire.** Clear white.  
\***Formula Mixture** of above varieties.

**PRICES on All Above Varieties Including Mixture:** Tr. pkt., 25c; 1/4 oz., 40c; 1/2 oz., 65c; 1 oz., \$1.10; 4 oz., \$3.60; 1 lb., \$11.00.

## GIANT HYACINTH FLOWERED

Produces one long non-branching spike.

<b>Dark Blue</b>	<b>Lavender</b>	<b>Pink</b>
<b>Purple</b>	<b>White</b>	<b>Mixed</b>

**PRICES on All Above Varieties Including Mixture:** Tr. pkt., 35c; 1/4 oz., 50c; 1 oz., \$1.60; 4 oz., \$5.20; 1 lb., \$16.00.

## SUPER MAJESTICS

Extra vigorous growth with long stems and long spikes of fully double flowers are the important points about this new Larkspur strain. For outdoor growing, where older varieties have been rather short-stemmed, the 20% additional length of this new class is a distinct advantage. Equally valuable for greenhouse culture (see photo below).

\***Rose Pink.** Creamy rose-pink.  
\***Lavender.** Deep, rosy lavender.  
\***White.** Large, pure white.  
\***Mixture** of above colors.

**PRICES on All Above Super Majestic Varieties and Mixture:** Tr. pkt., 35c; 1/4 oz., 50c; 1 oz., \$1.50; 4 oz., \$5.00; 1 lb., \$15.00.



Super Majestics are "tops" for vigorous growth and fully double flowers.



## SUPER MAJESTICS AND GIANT IMPERIALS

should definitely head the list of Larkspur classes. The new Super Majestics in Rose Pink, Lavender and White are not only the longest stemmed, but more double flowering as well. The ease with which they are grown both in and outdoors, combined with the improved classes, explains the increasing demand for them. Also, their bulk and weight will always leave them a locally grown crop.

*Geo. J. Ball*  
INC  
WEST CHICAGO  
ILLINOIS